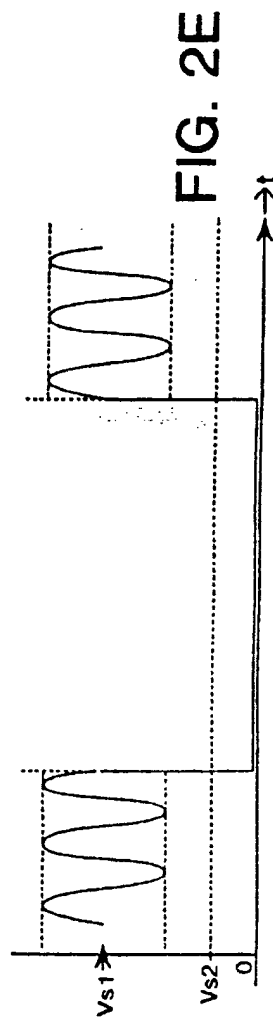
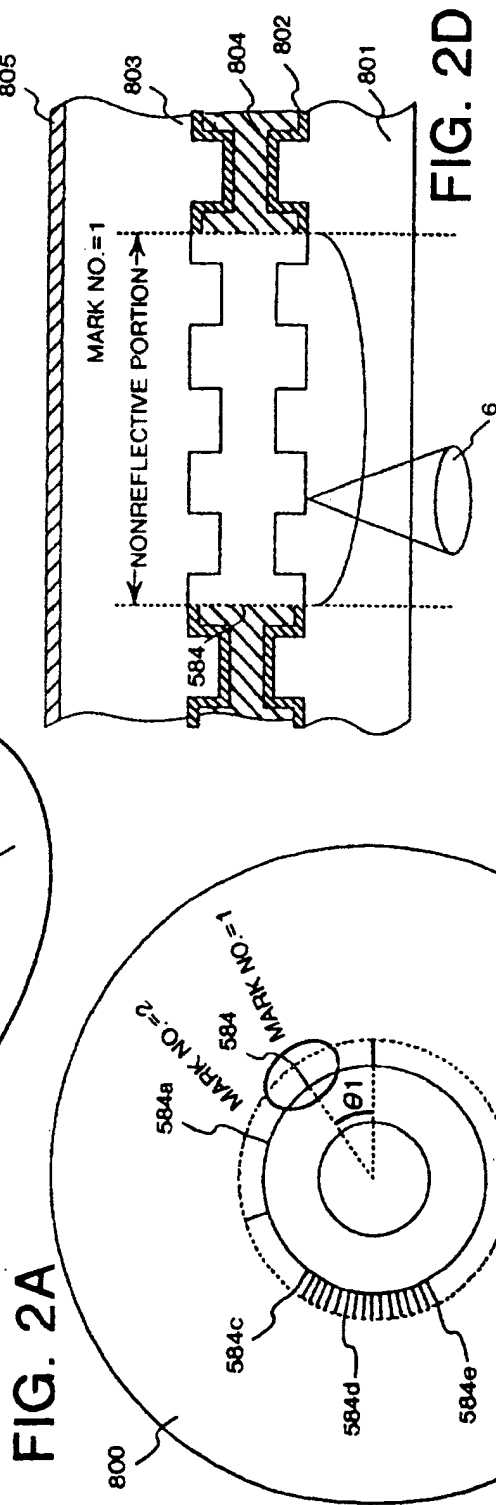
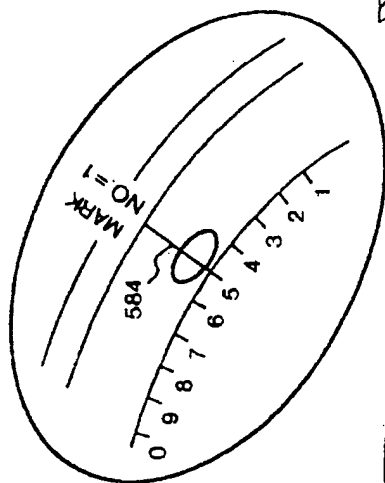
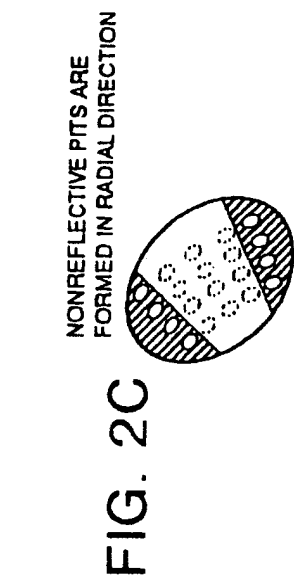


FIG. 1

FIG. 2E



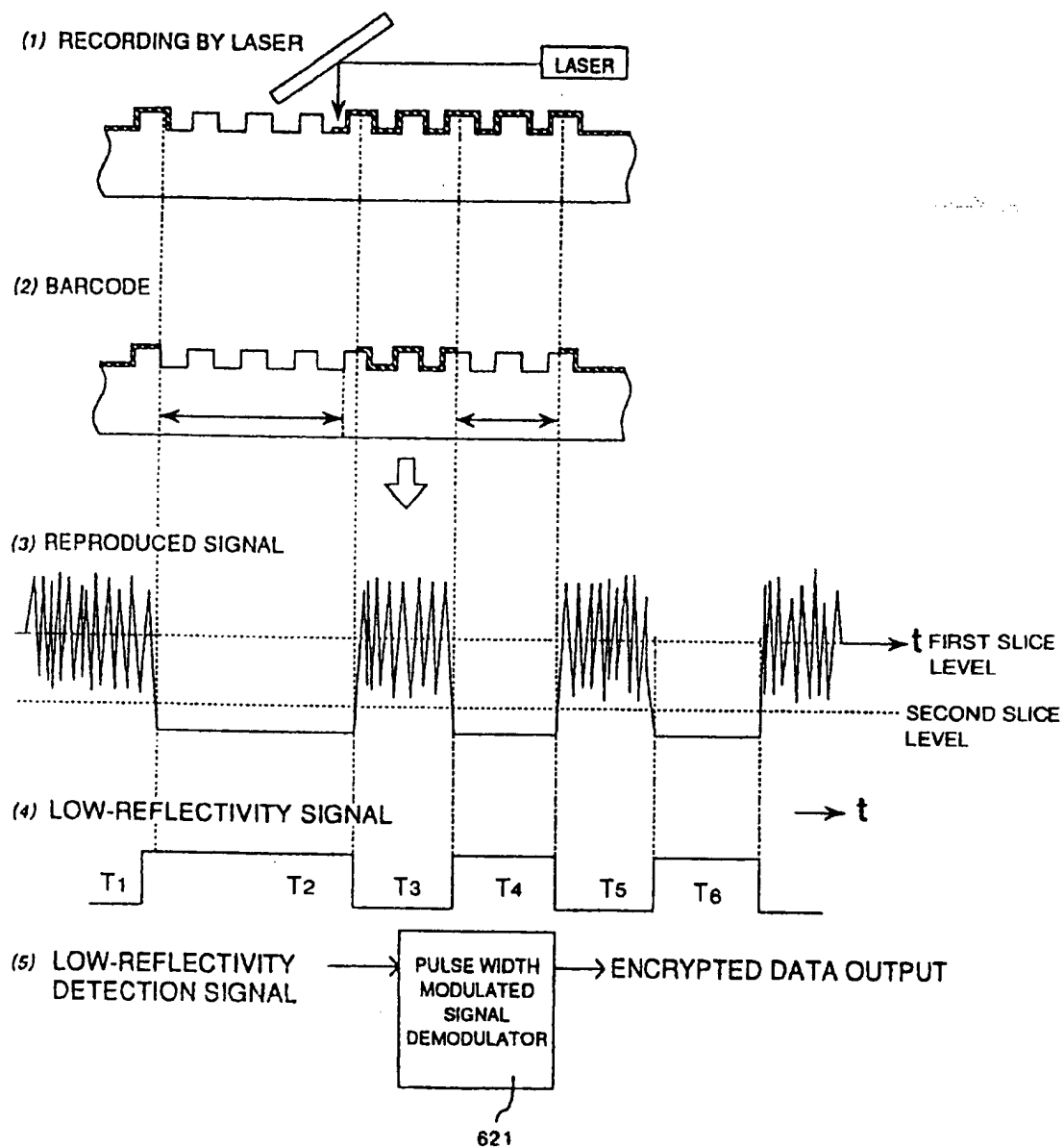


FIG. 3

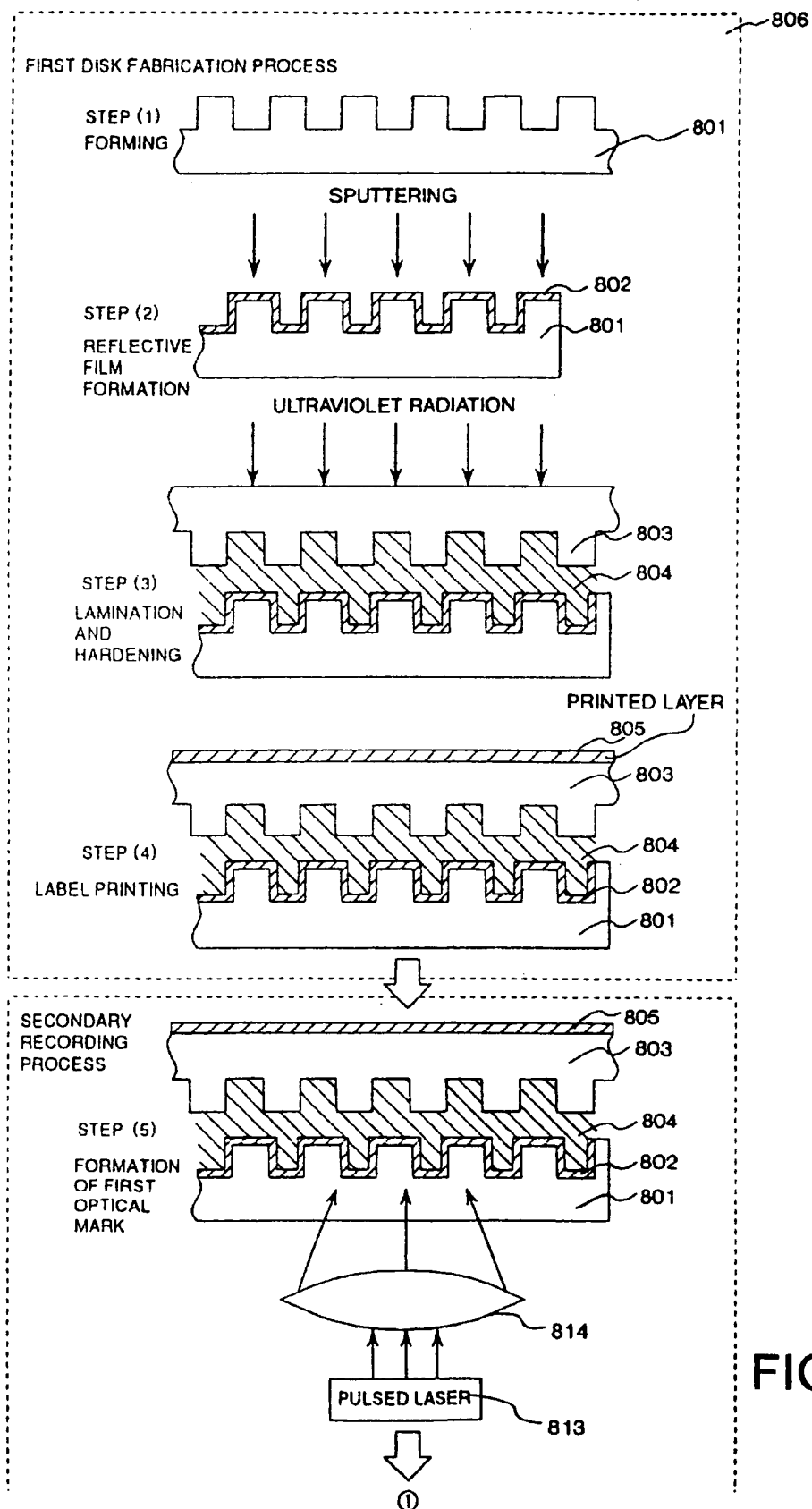
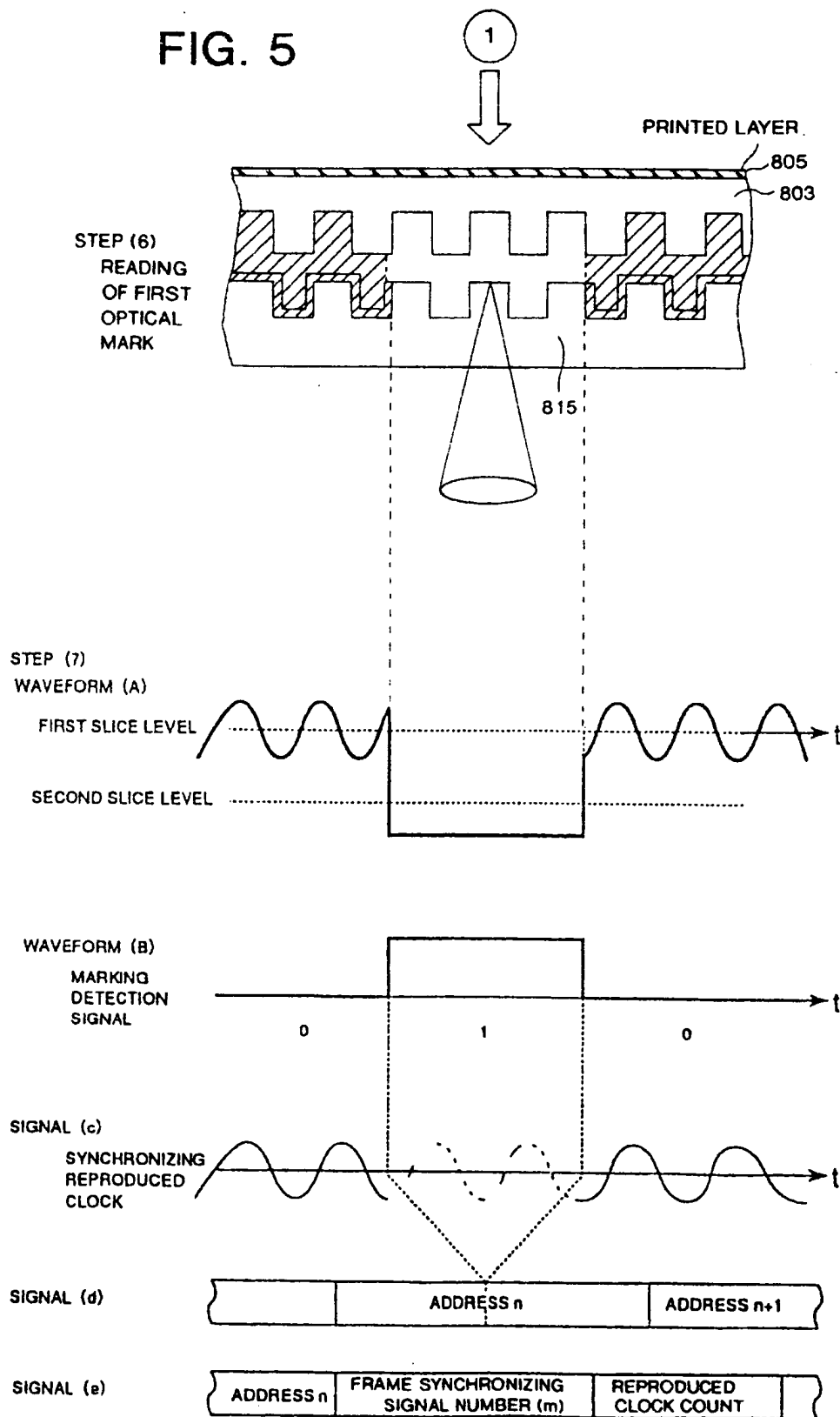


FIG. 4

FIG. 5



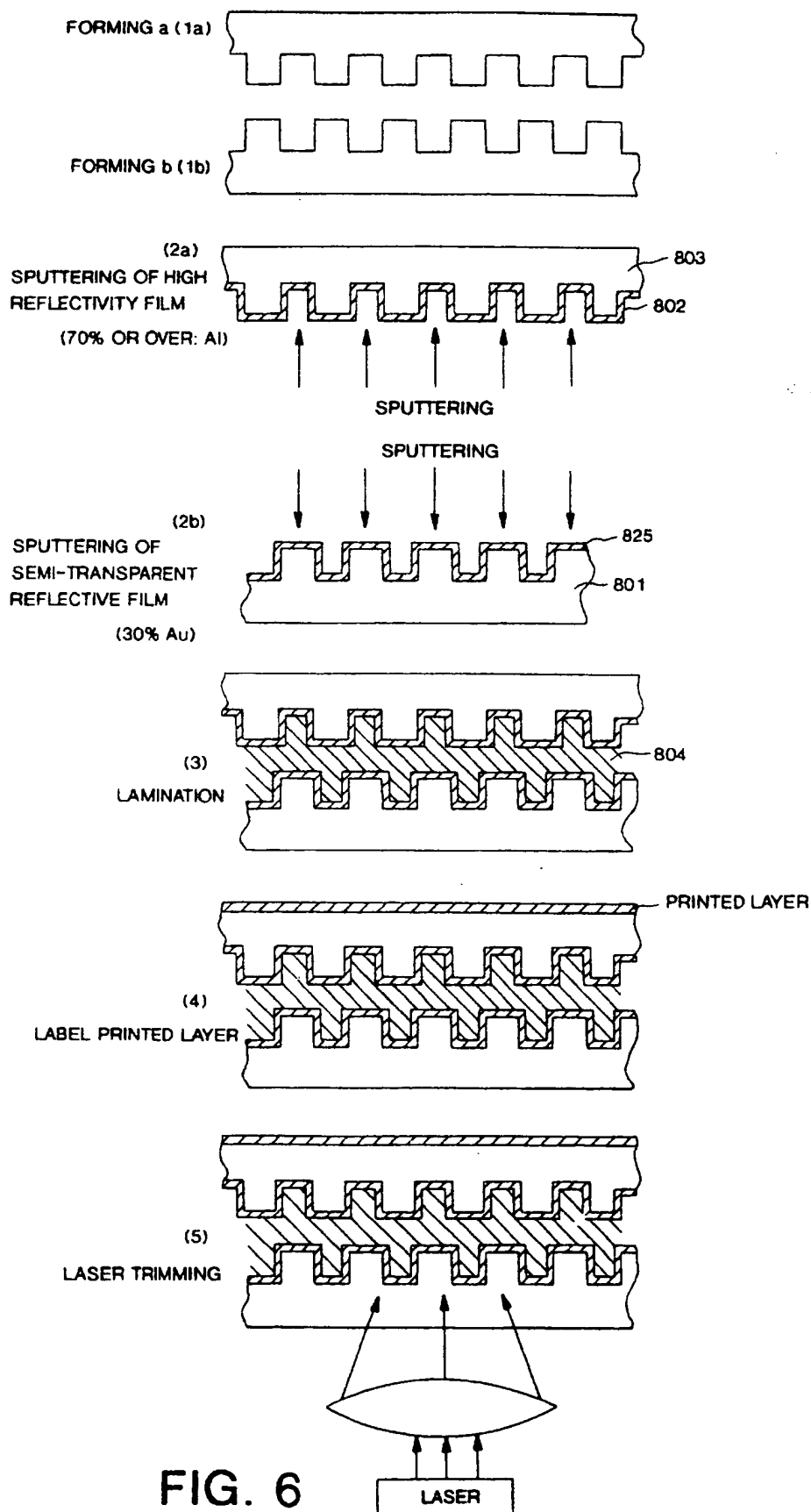


FIG. 6

FIG. 6

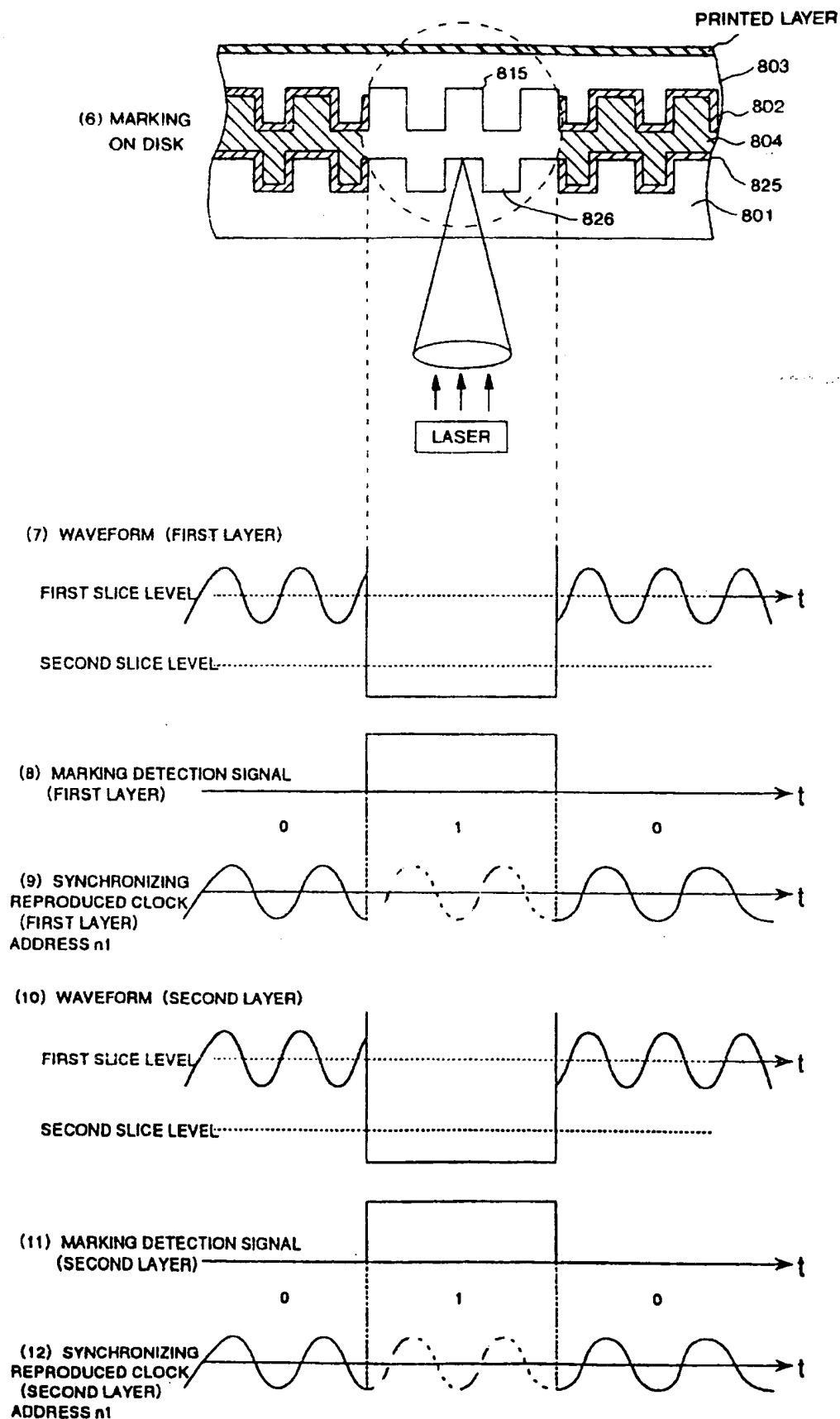


FIG. 7

FIG. 7

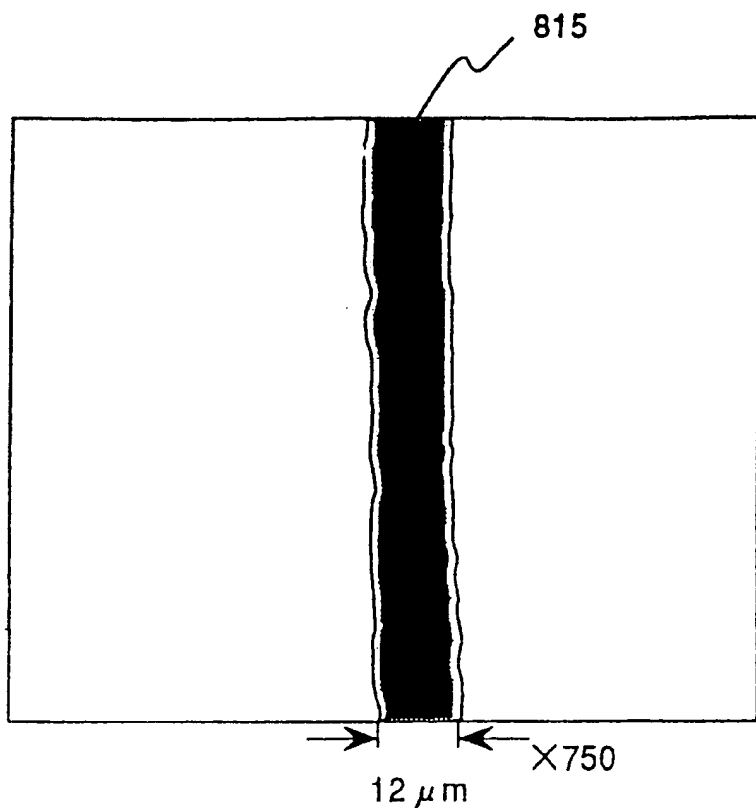


FIG. 8A

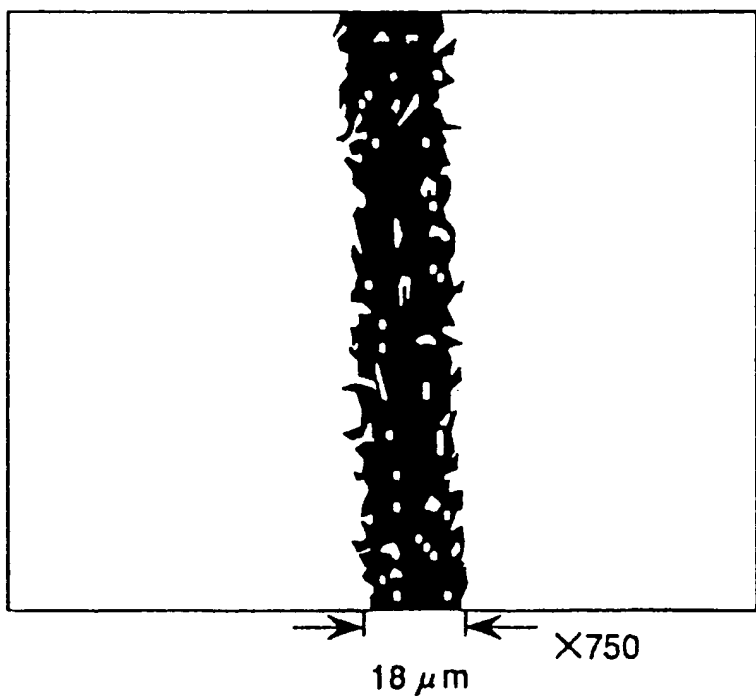


FIG. 8B

FIG. 8A

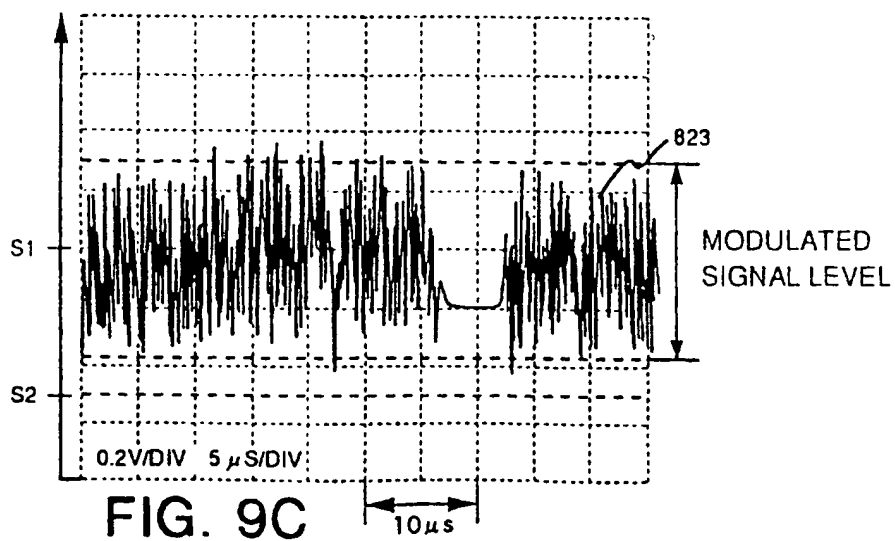
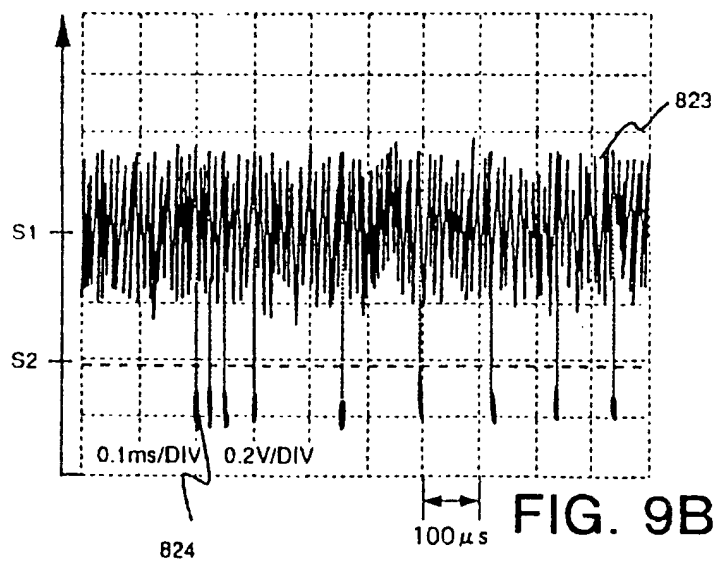
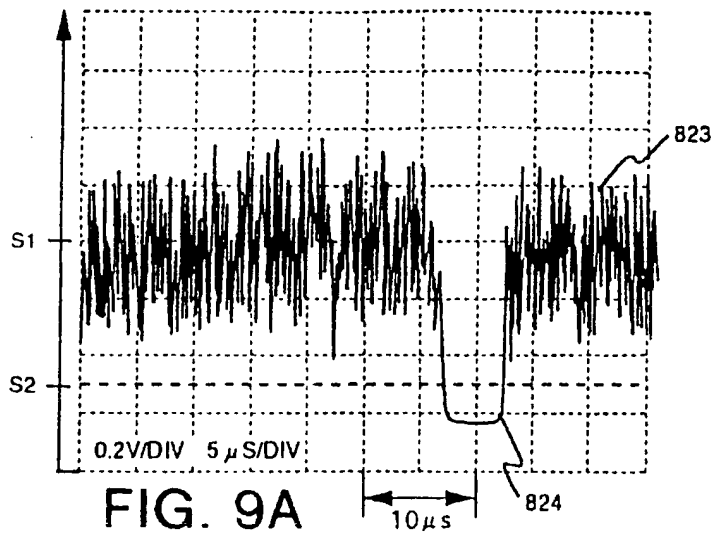


FIG. 9A

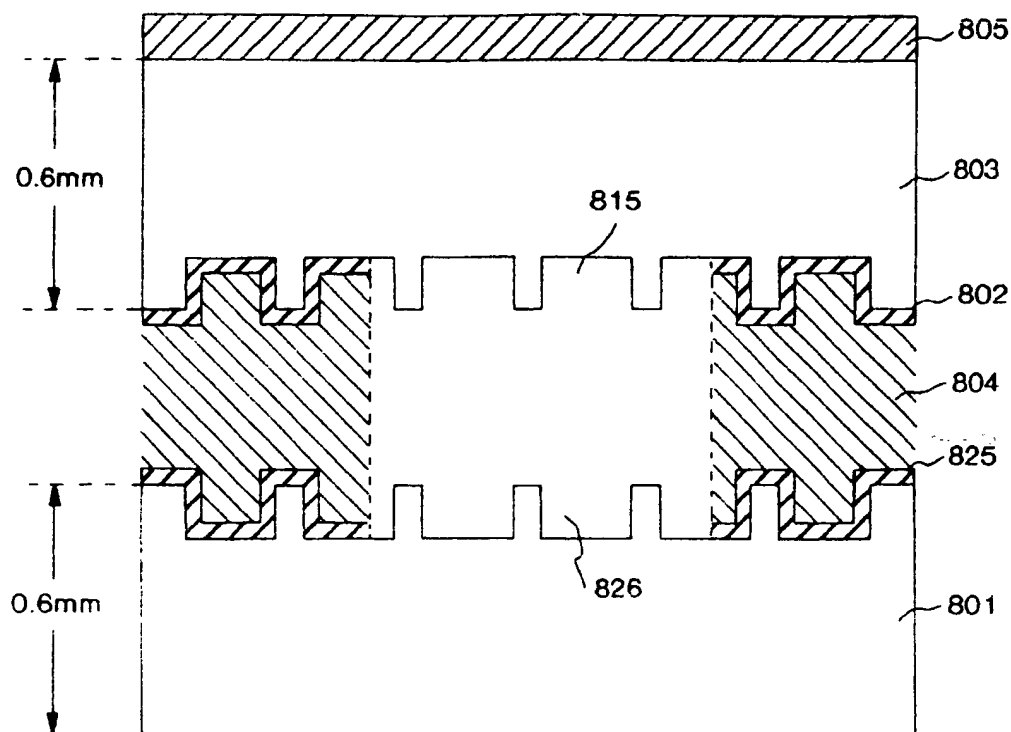


FIG. 10A

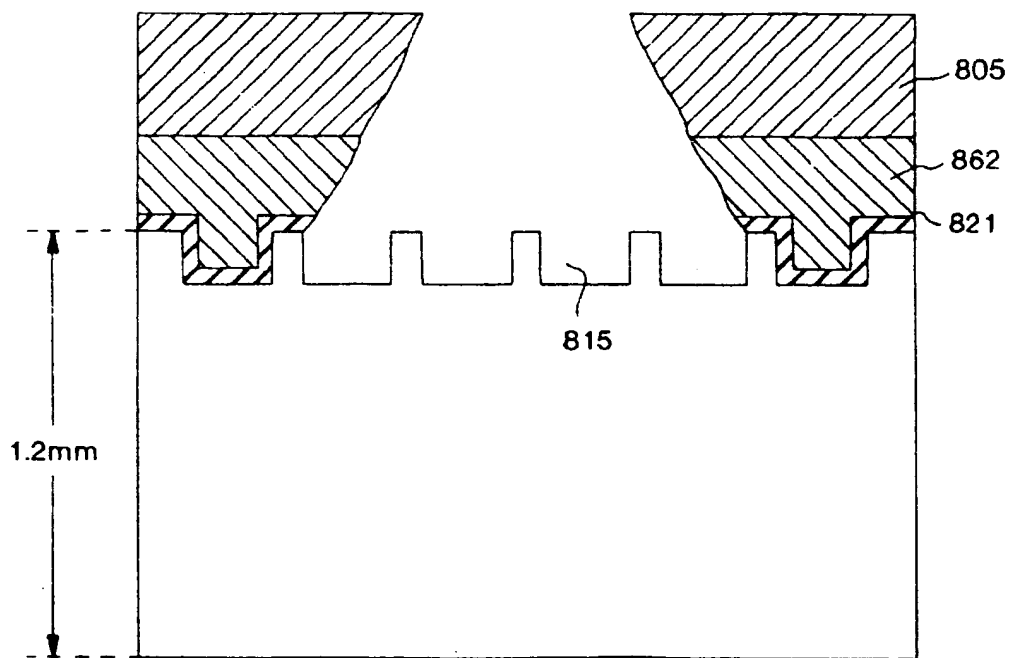


FIG. 10B

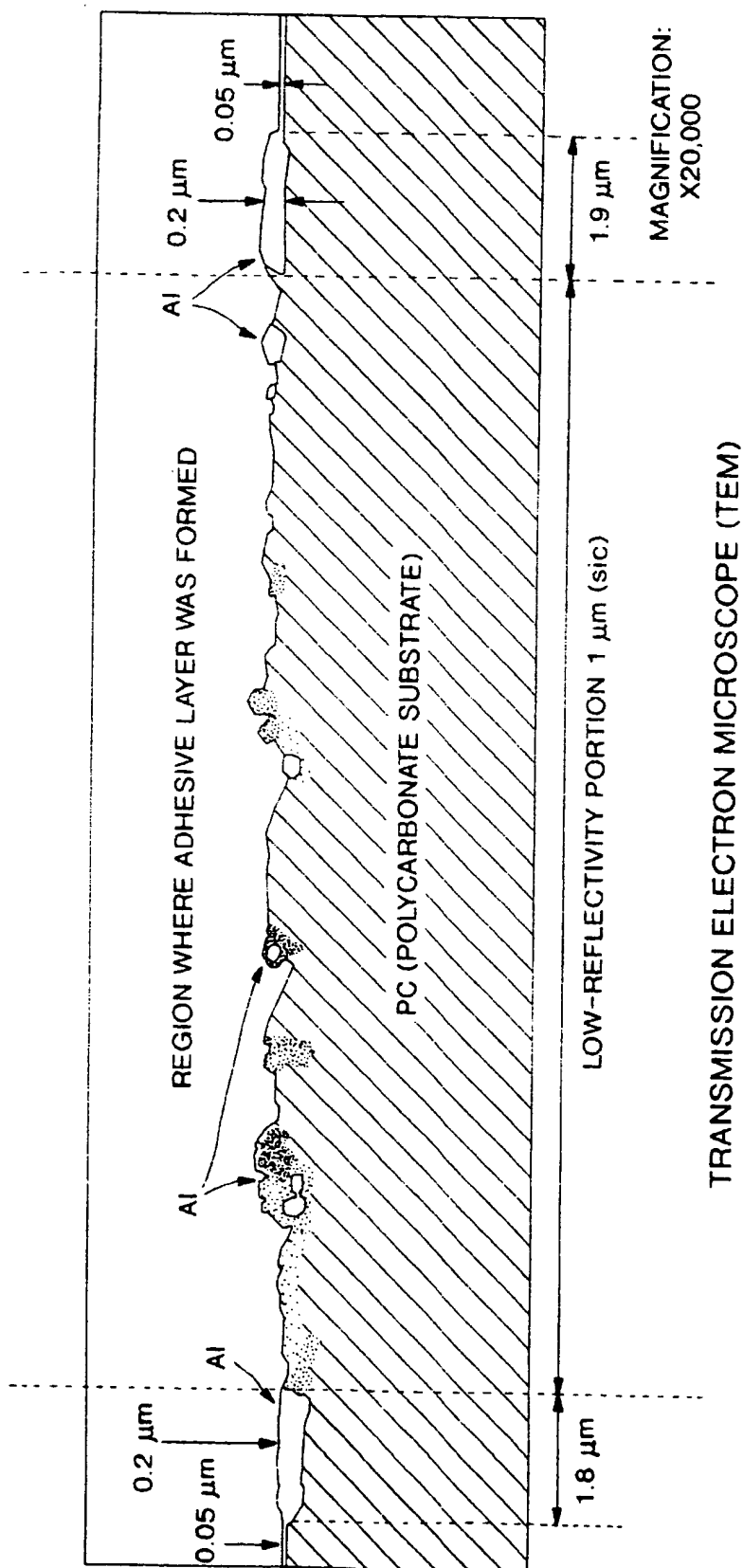


FIG. 11

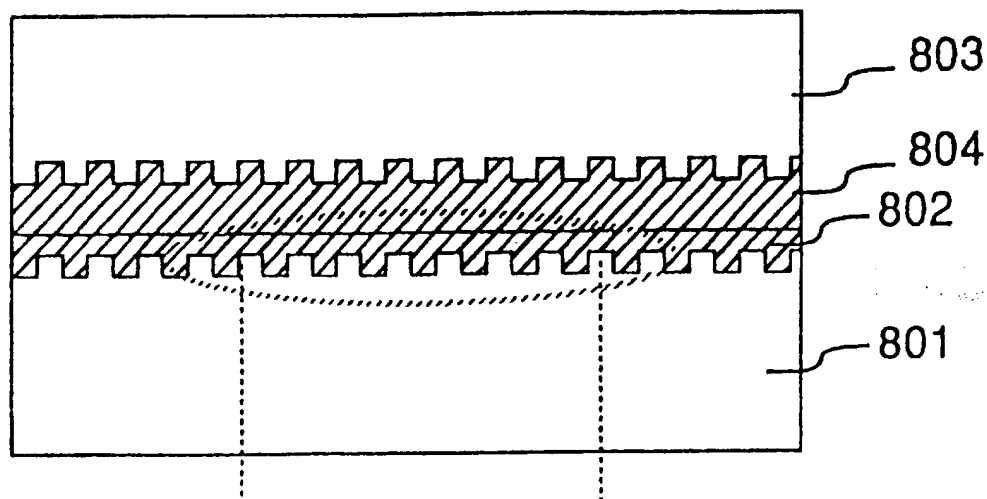


FIG. 12A

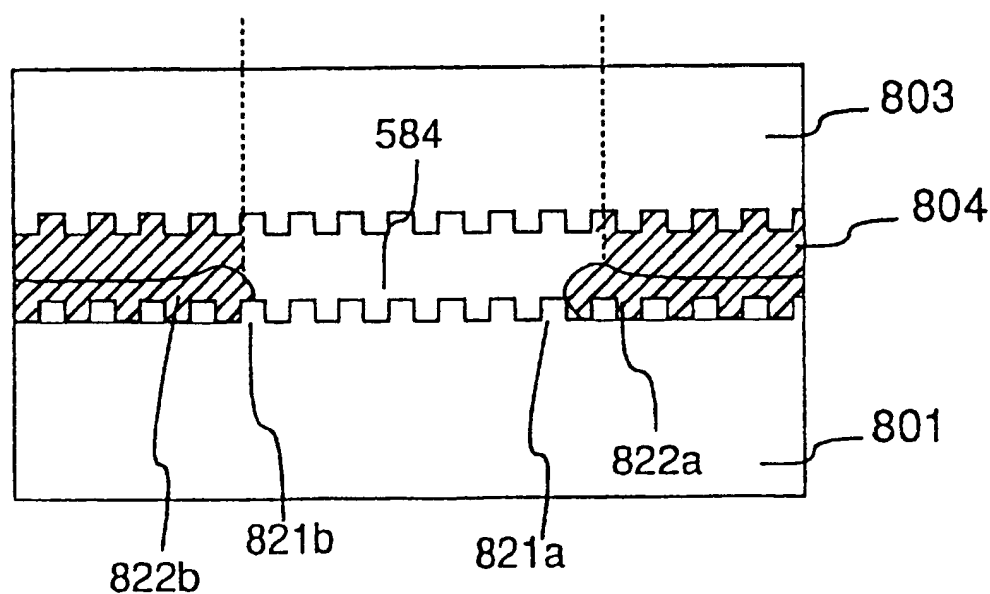


FIG. 12B

FIG. 12A

FIG. 13A

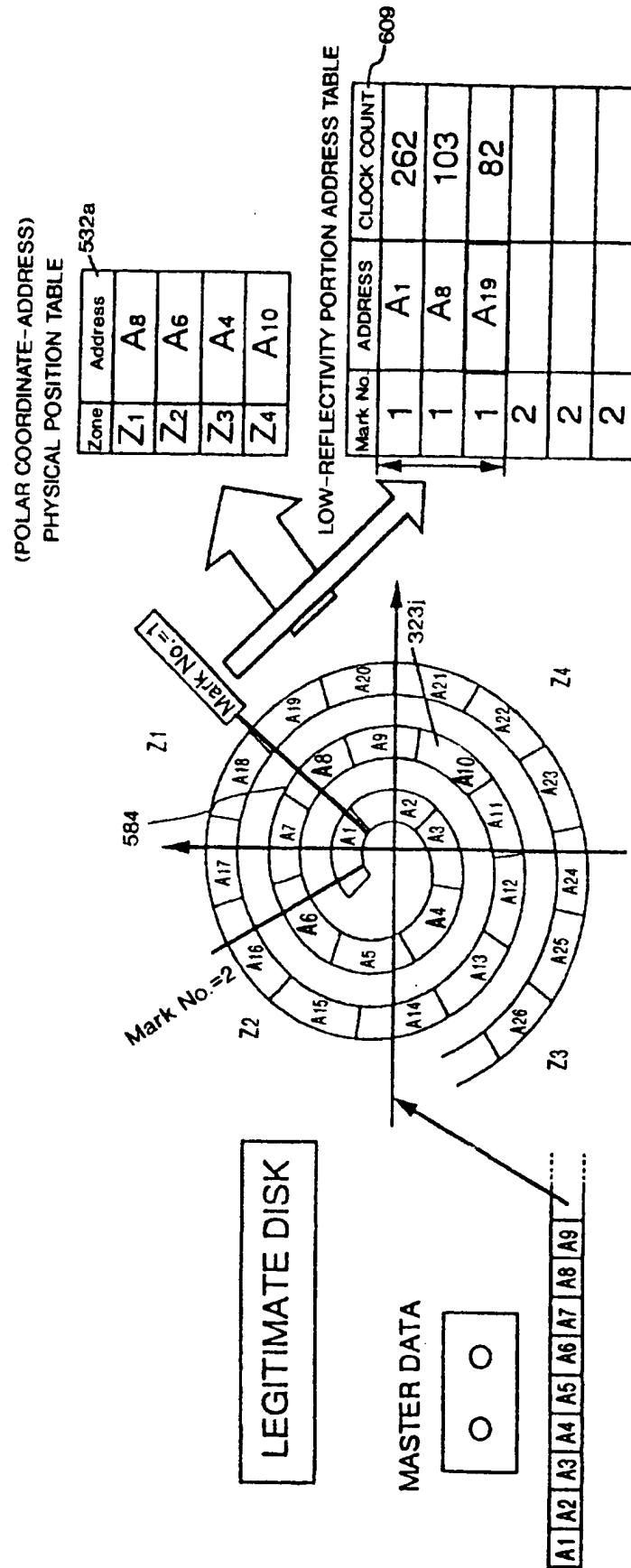


FIG. 13B

MASTER DATA



A1 A2 A3 A4 A5 A6 A7 A8 A9

ILLEGALLY DUPLICATED CD

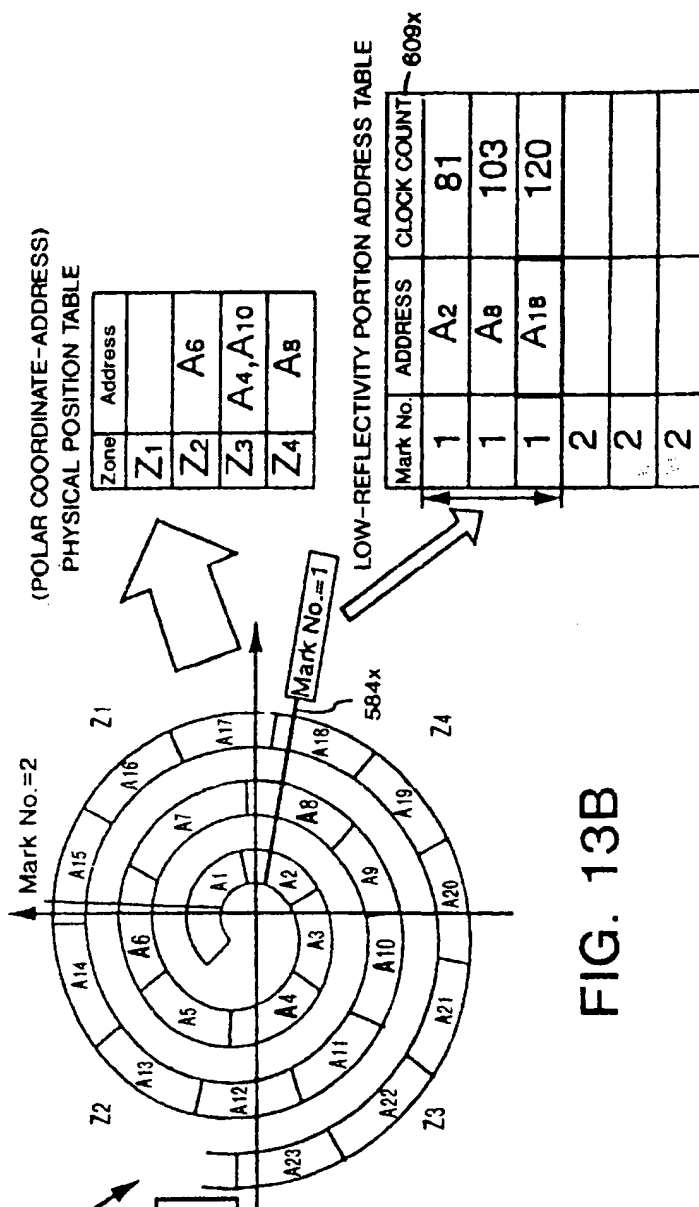


FIG. 13B

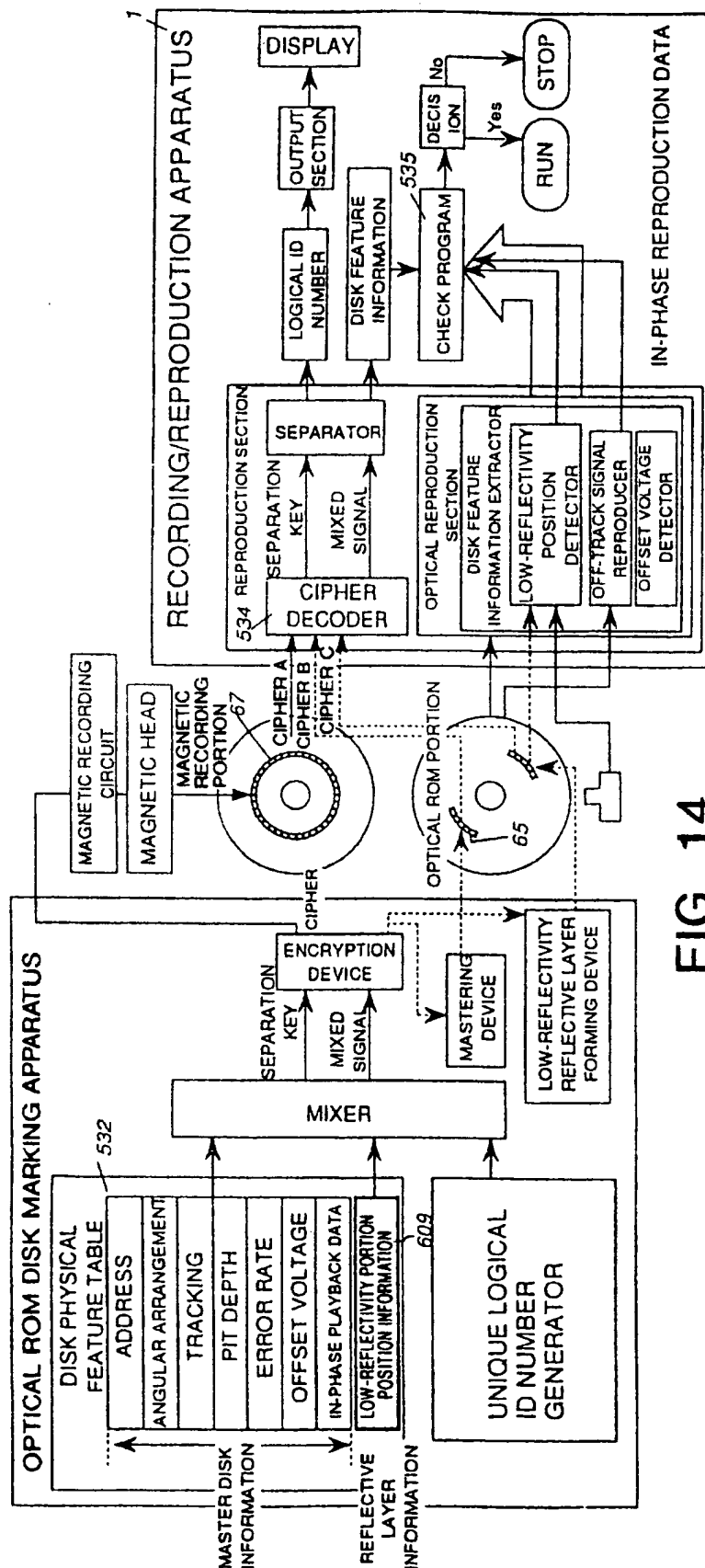
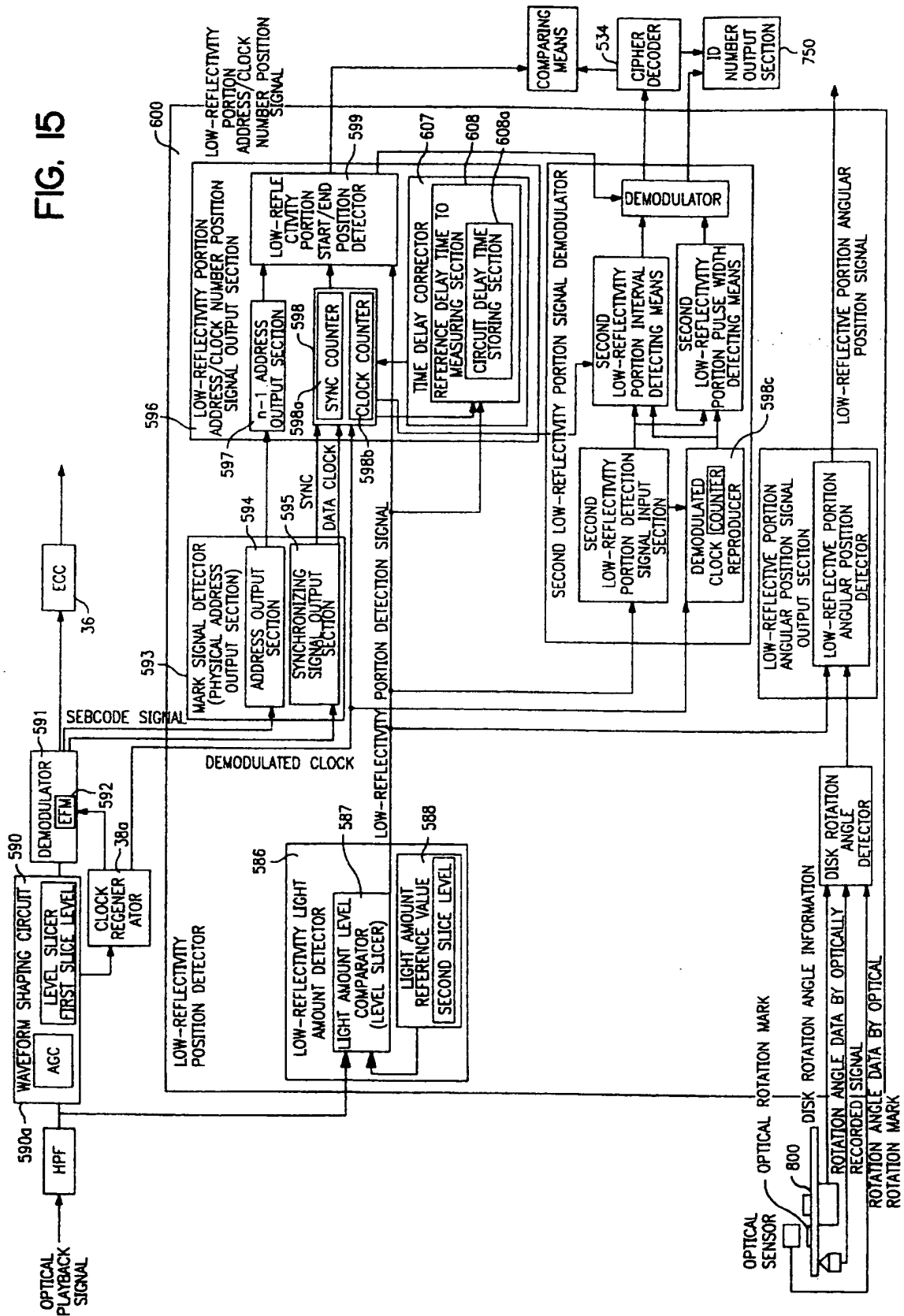
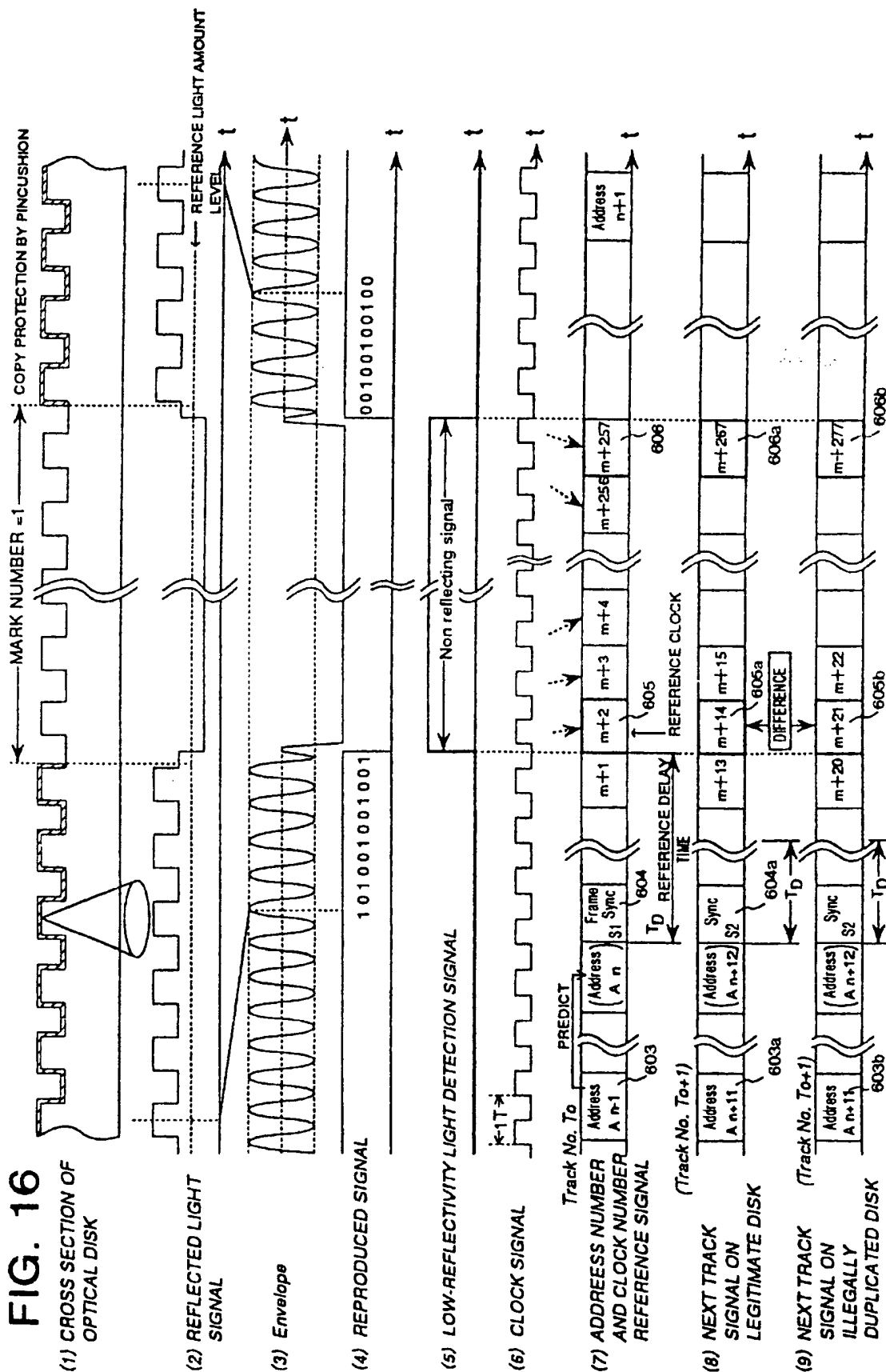


FIG. 14

FIG. 15





TOTAL "E" COUNT

LEGITIMATE DISK

LOW-REFLECTIVITY PORTION ADDRESS TABLE

609

MARK NO.	START POSITION		END POSITION	
	ADDRESS	Sync No	ADDRESS	Sync No
1	A n	S ₁	n	
1	A n+12	S ₂	n+12	
1	A n+23	m+25	n+23	
:	:	:	:	
2	A n+1	m+15	n+1	
2	A n+13	m+85	n+13	
2	A n+24	m+68	n+24	
10	A n+9			
10				

PLANNING

ILLEGALLY DUPLICATED DISK

LOW-REFLECTIVITY PORTION ADDRESS TABLE

609x

MARK NO.	START POSITION		END POSITION	
	ADDRESS	Sync No	ADDRESS	Sync No
1	n	S ₁	n	
1	n+12	S ₂	n+12	
1	n+22	m+4	n+22	
:	:	:	:	
2	n+1	m+36	n+1	
2	n+13	m+120	n+13	
2	n+25		n+25	
10	n+9			
10				

FIG. 17

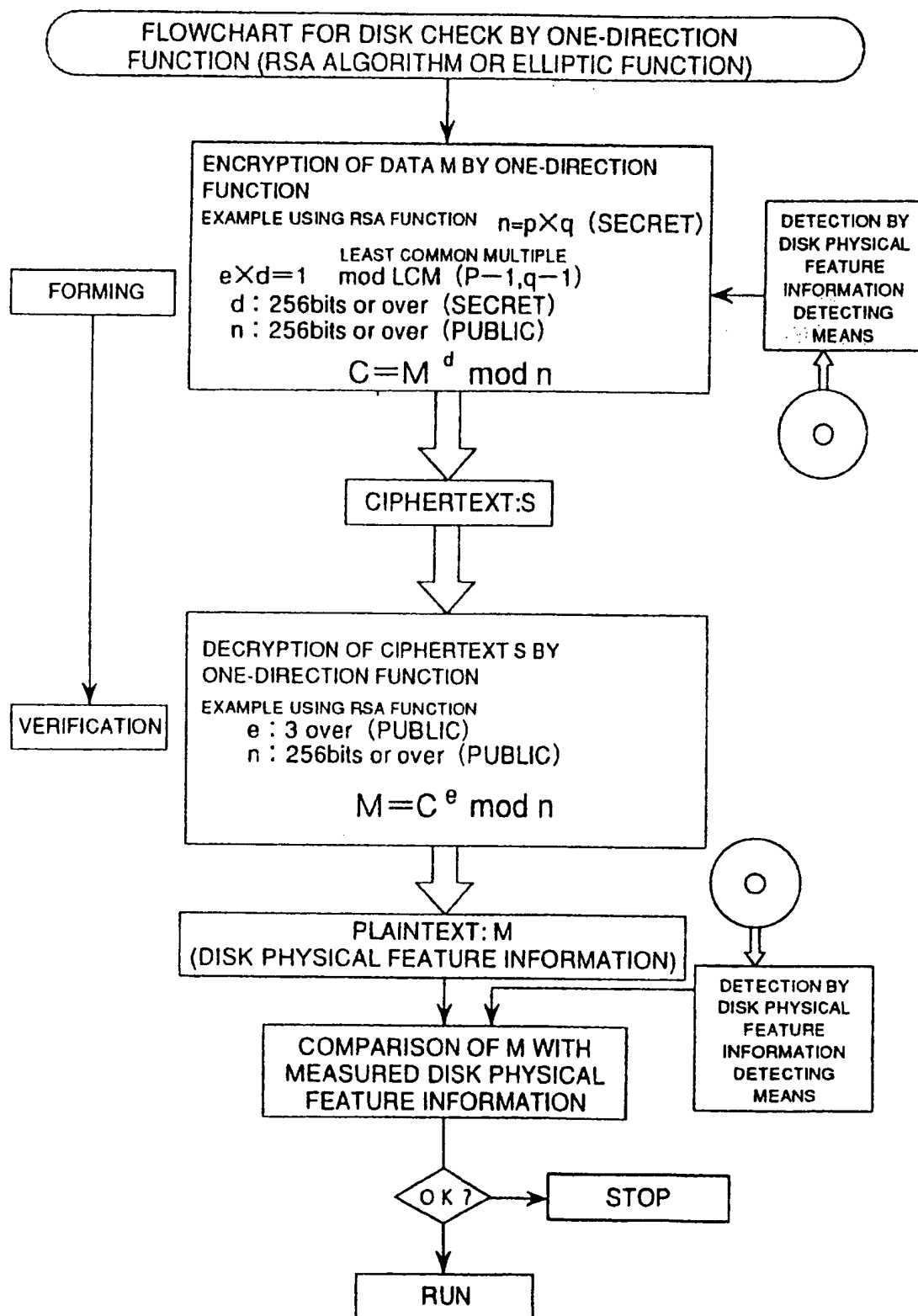


FIG. 18

FIG. 19

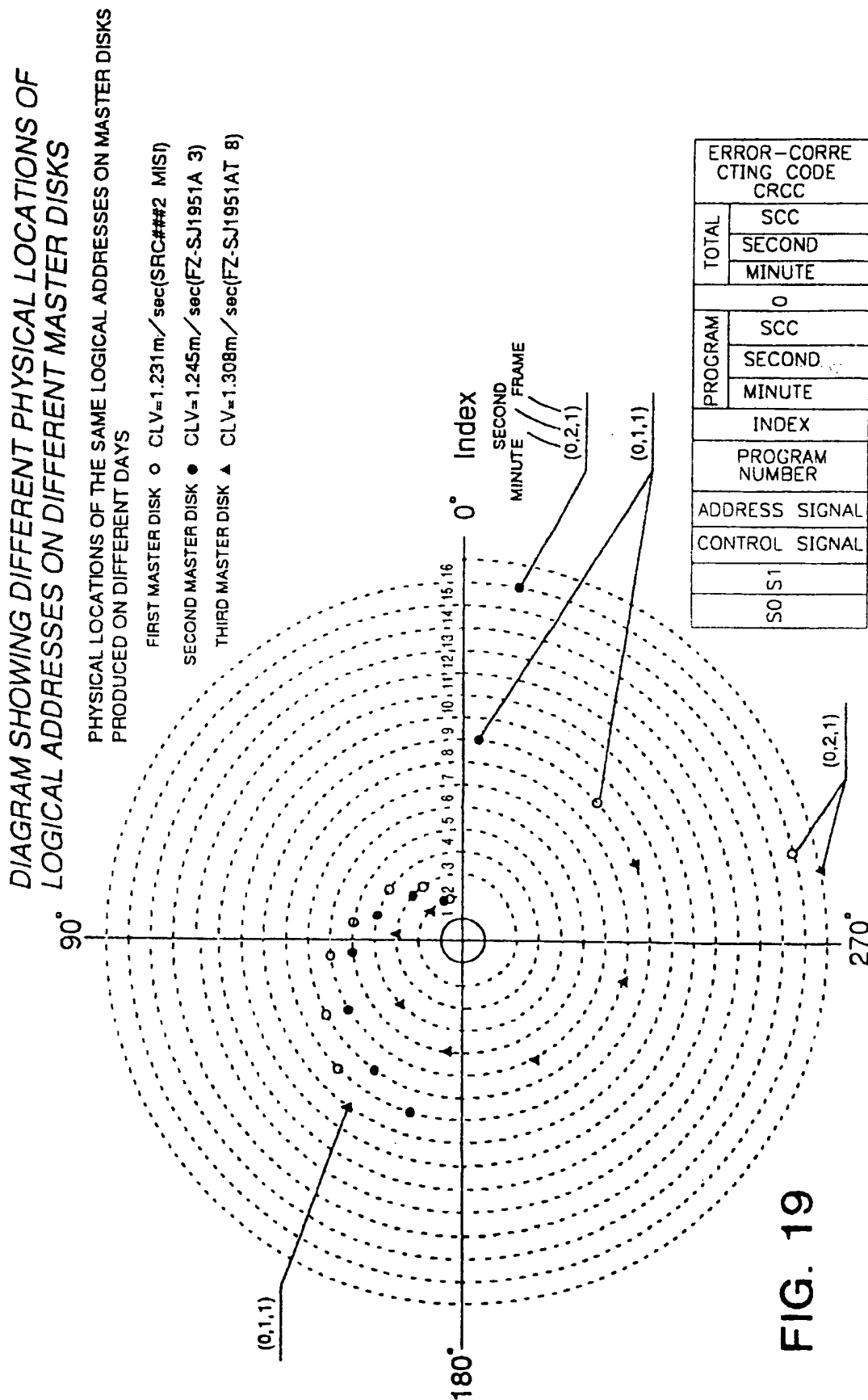


FIG. 19

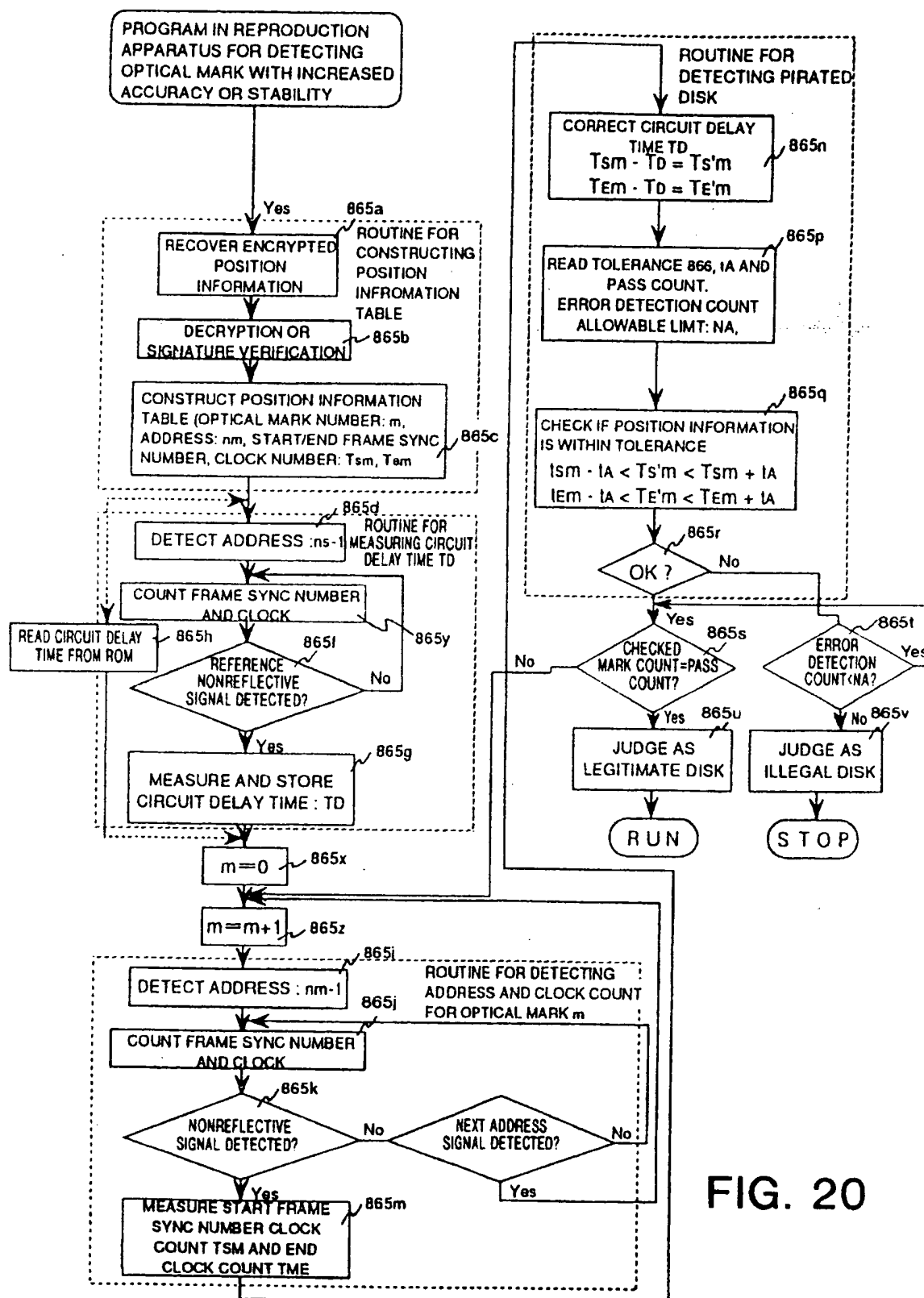


FIG. 20

FIG. 21

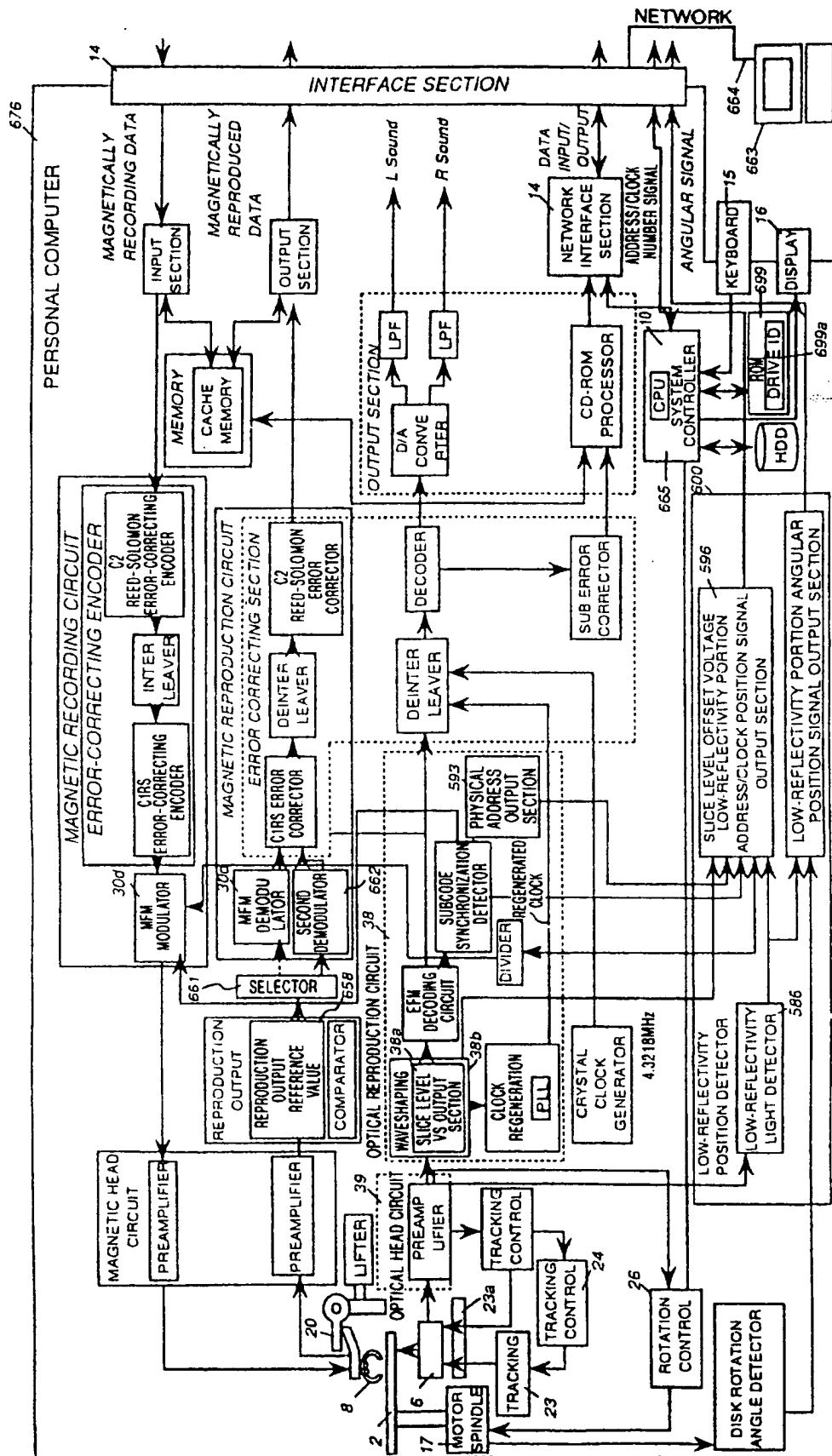


FIG. 21

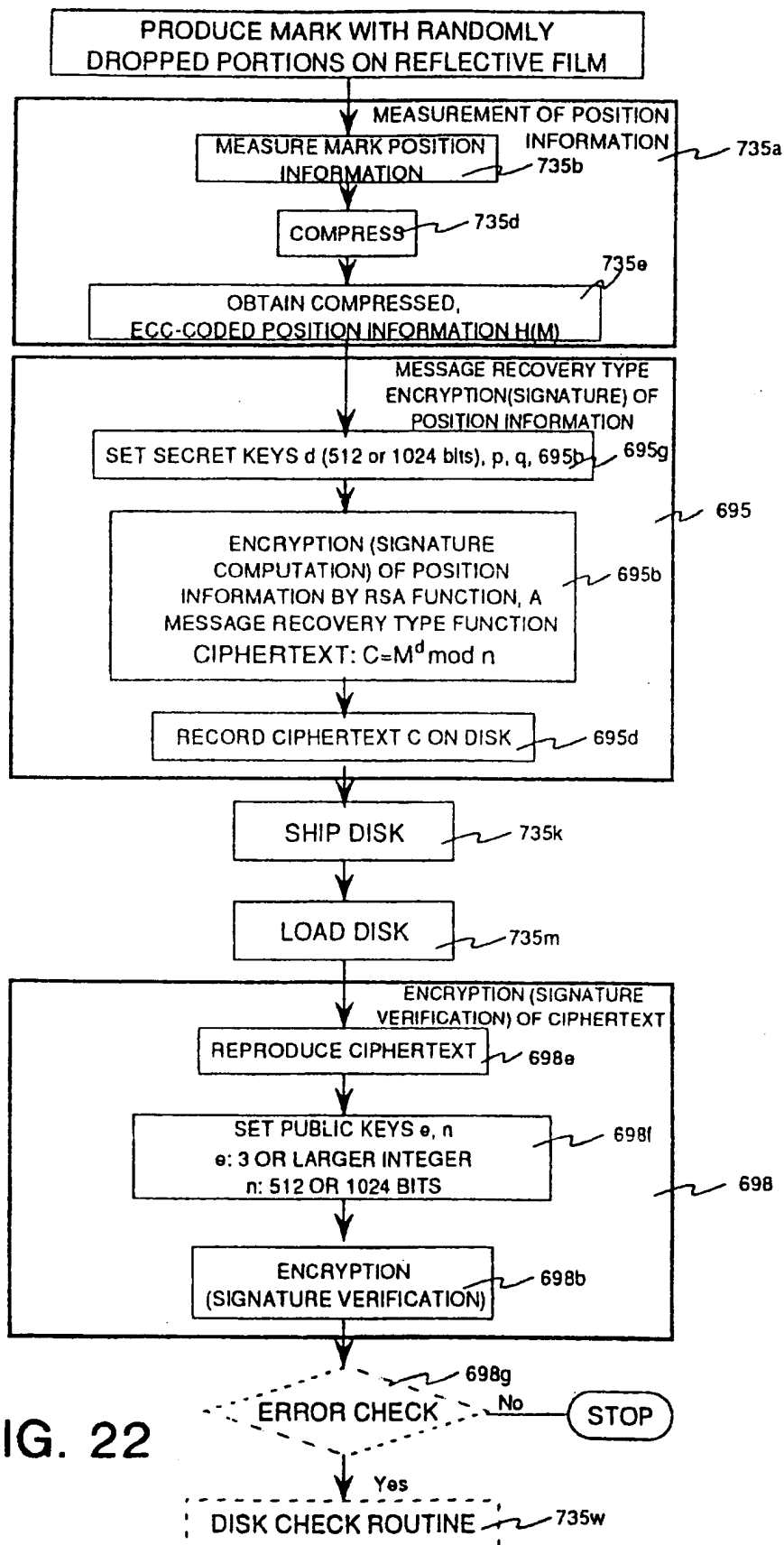


FIG. 22

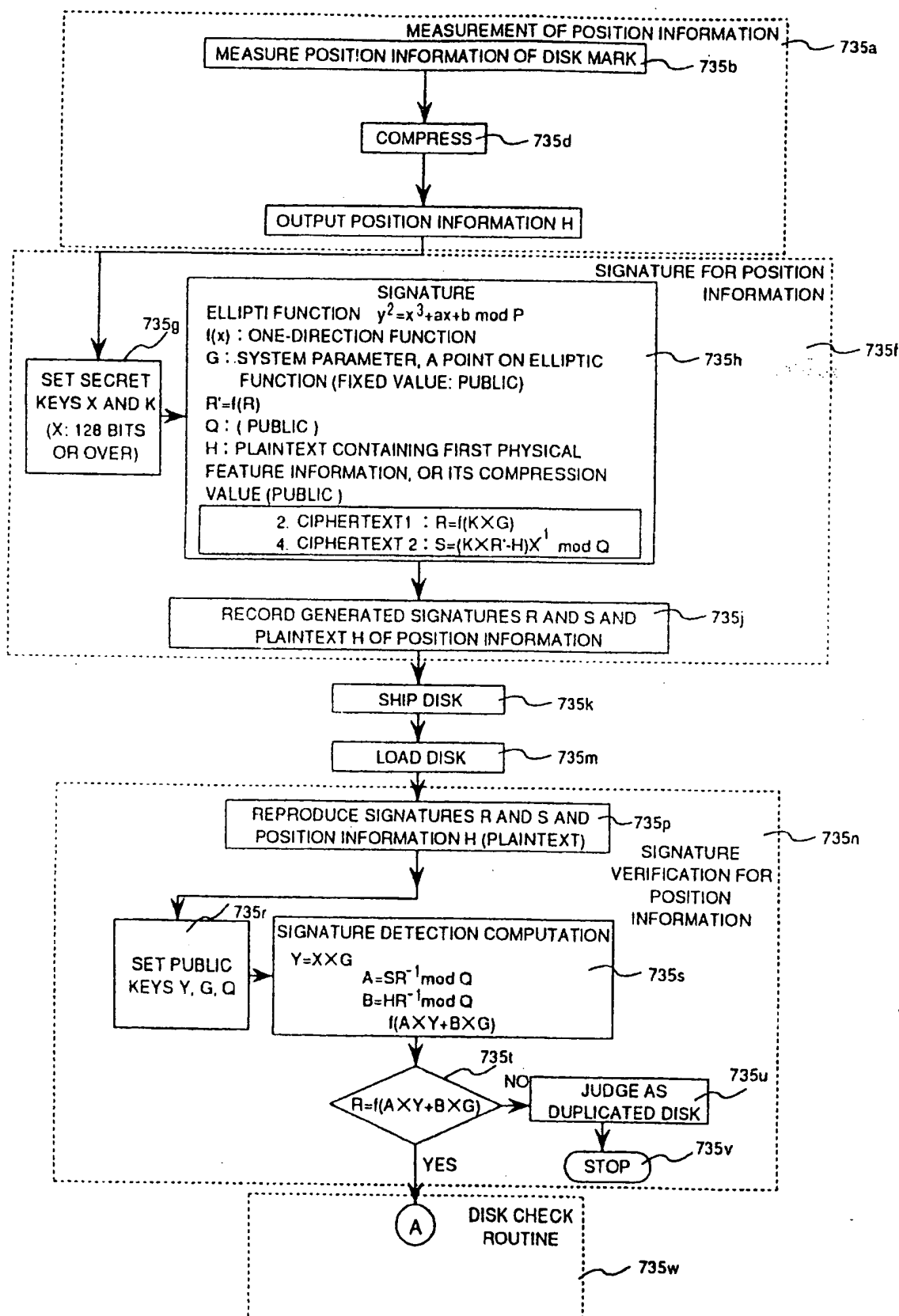


FIG. 23

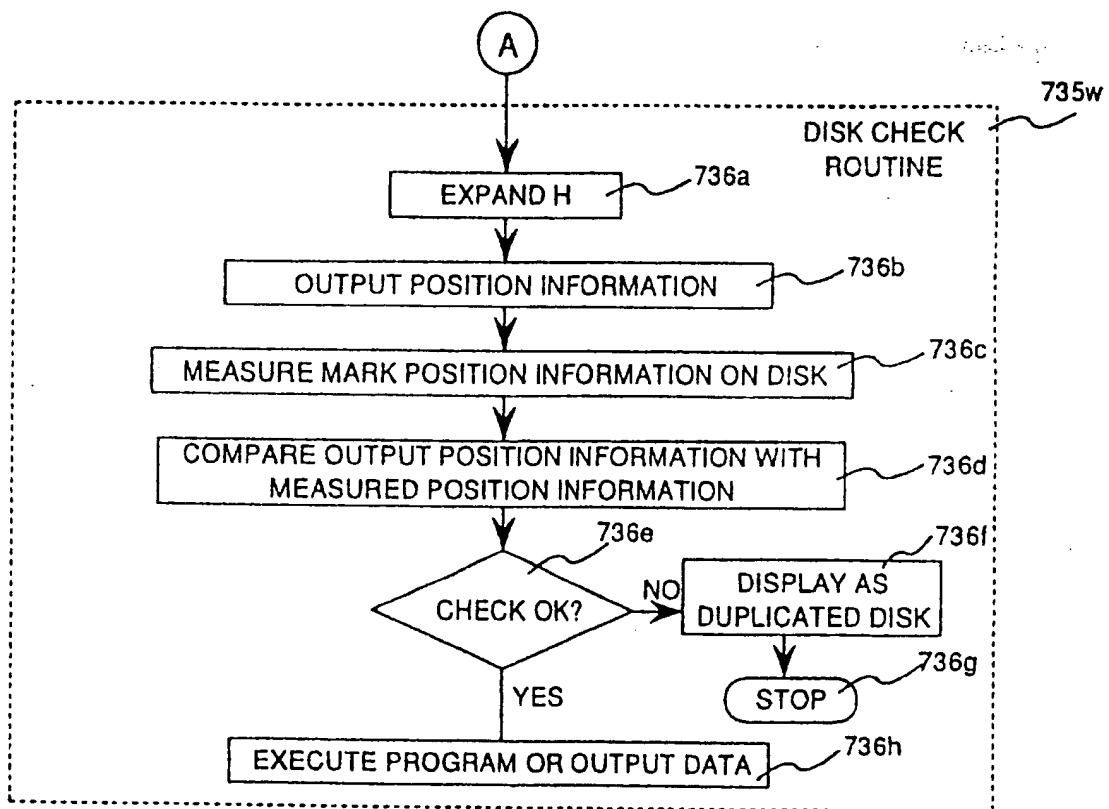


FIG. 24

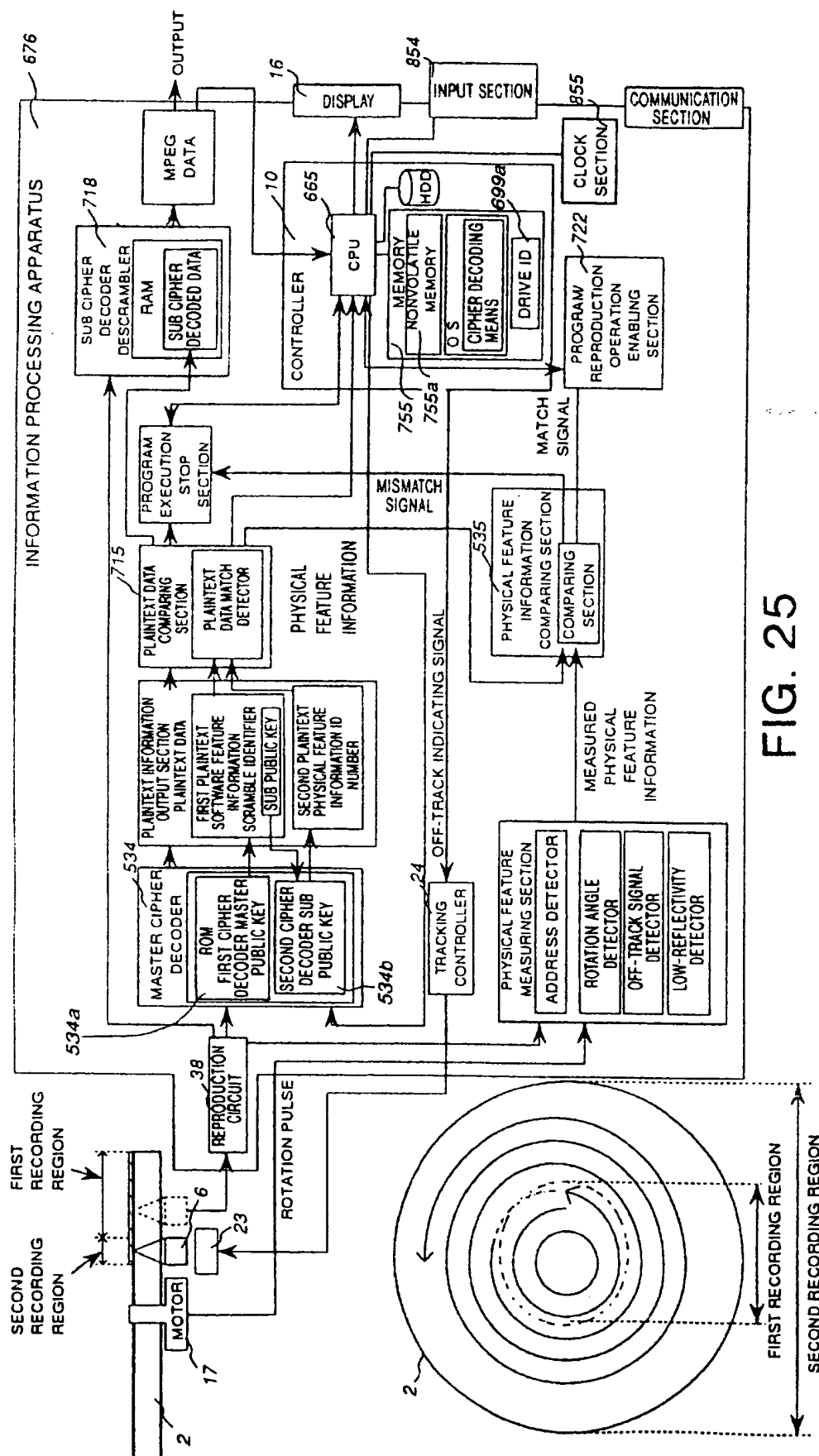


FIG. 25

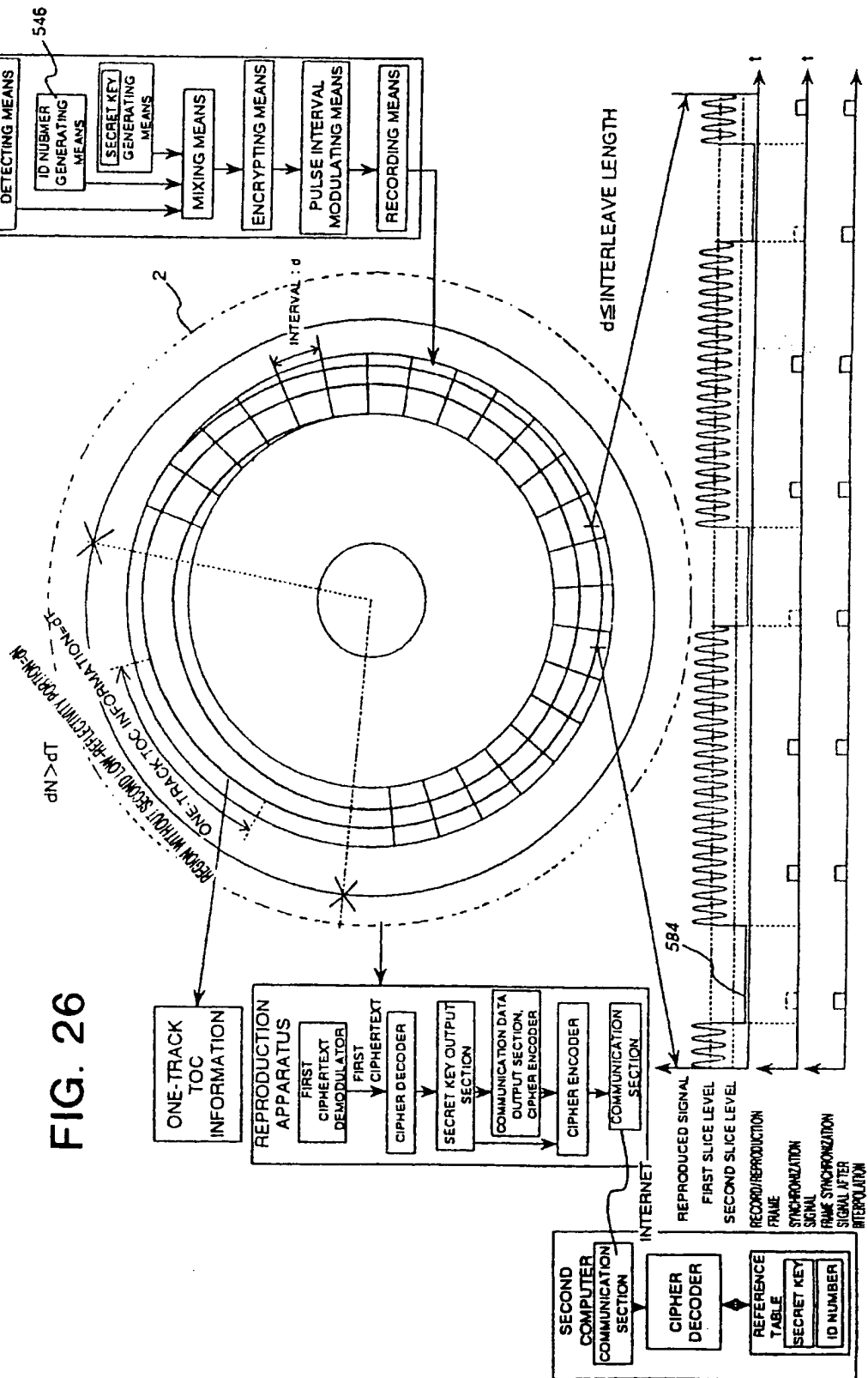


FIG. 26

FIG. 27

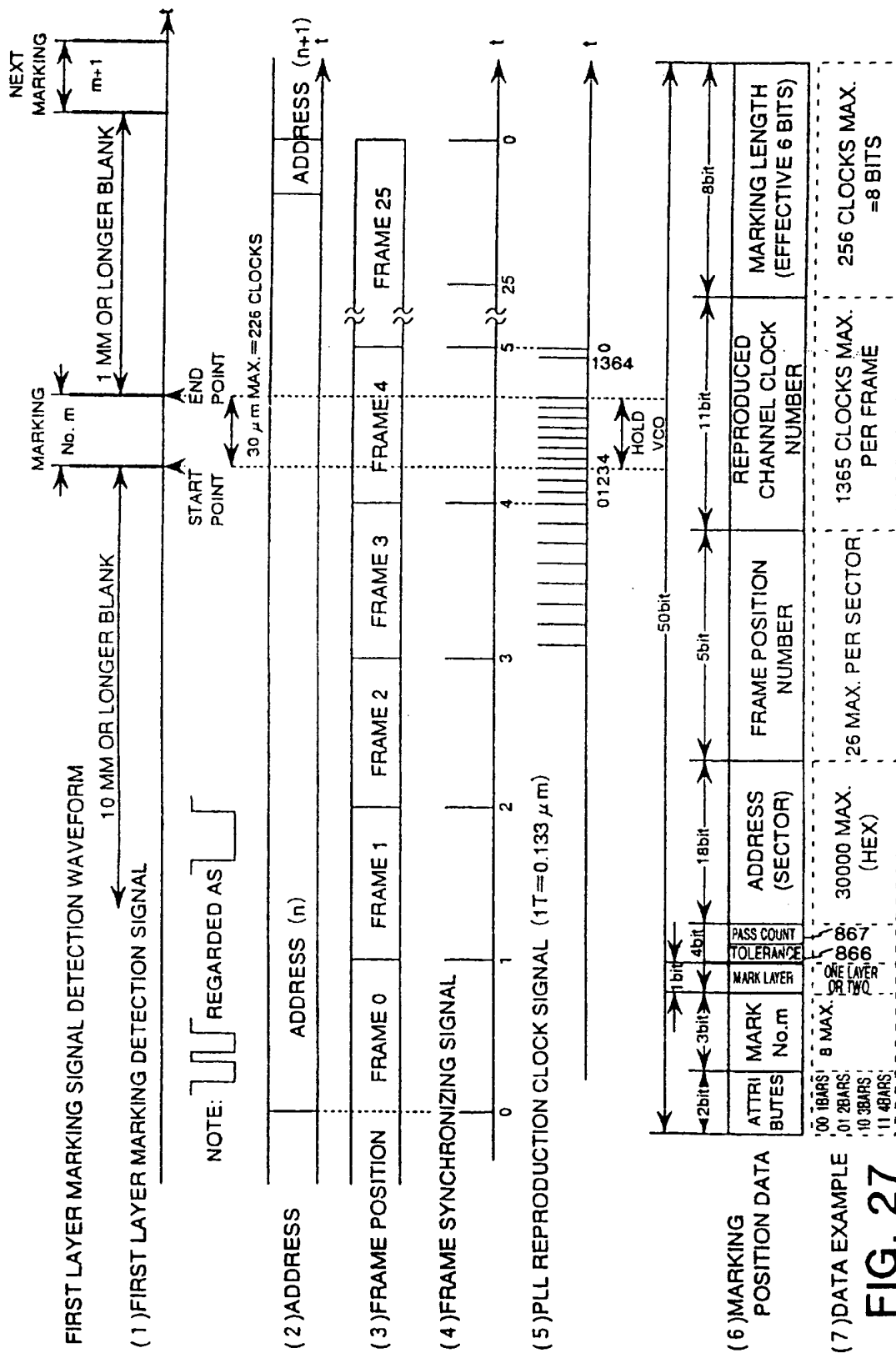
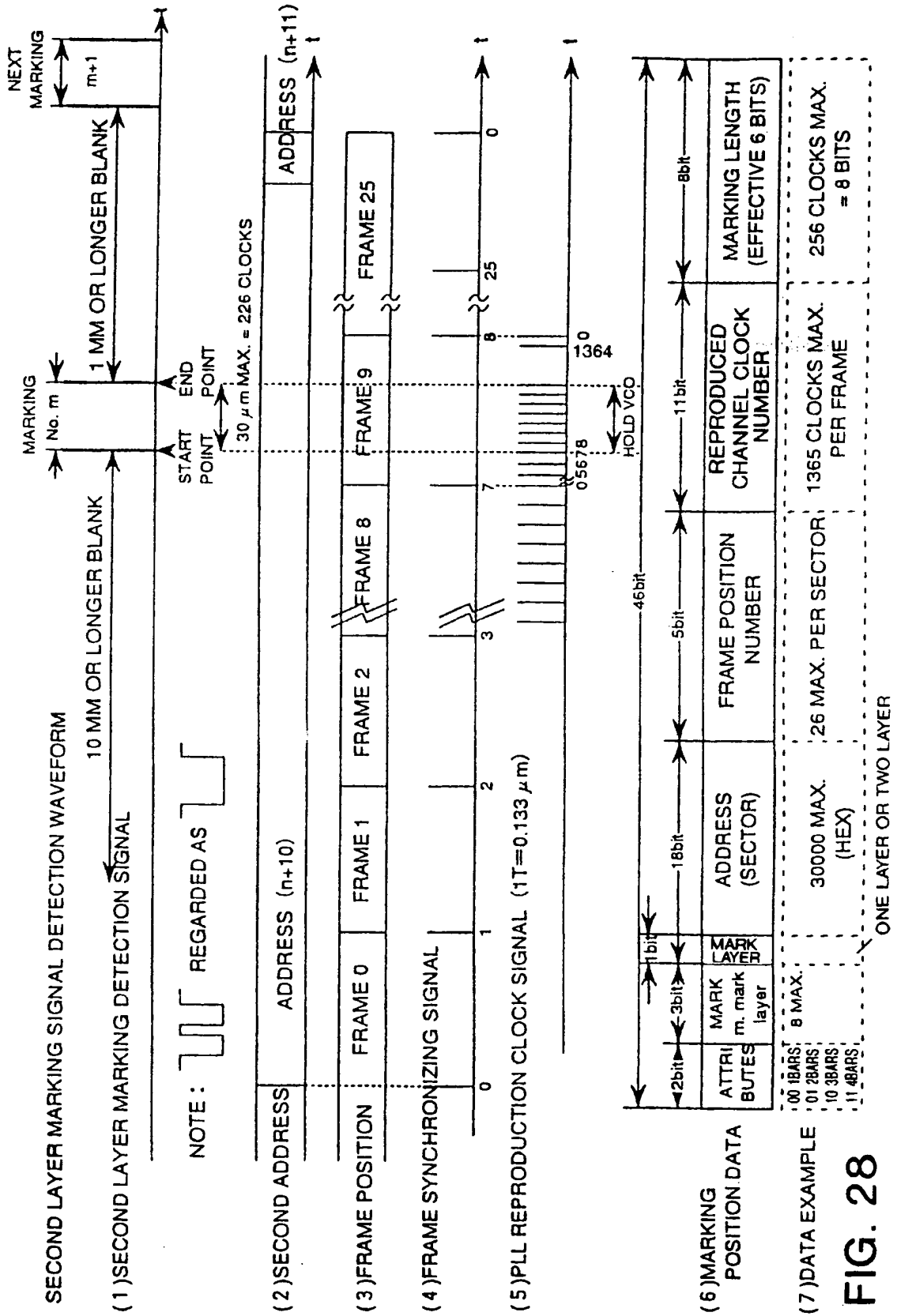


FIG. 28



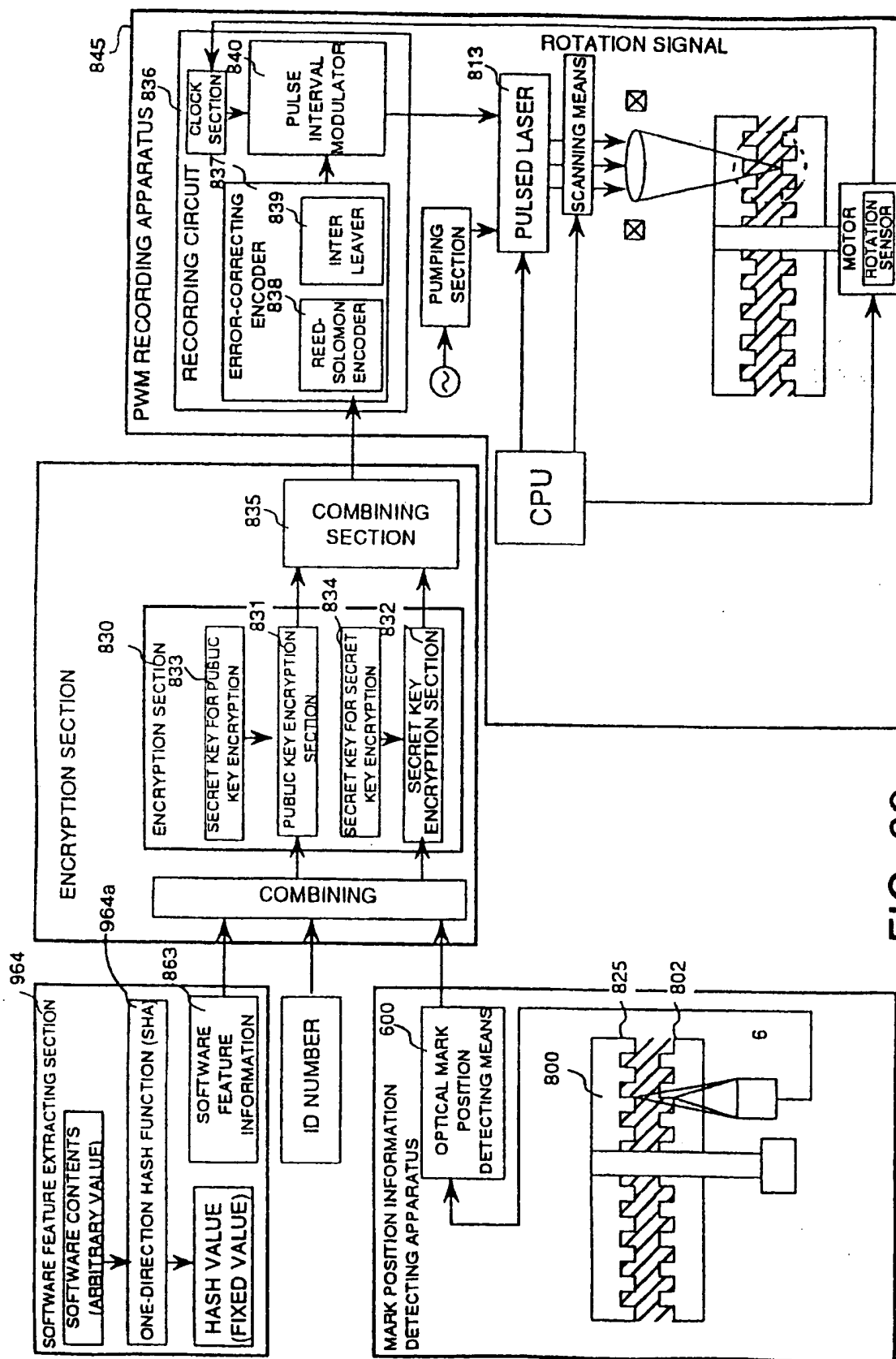


FIG. 29

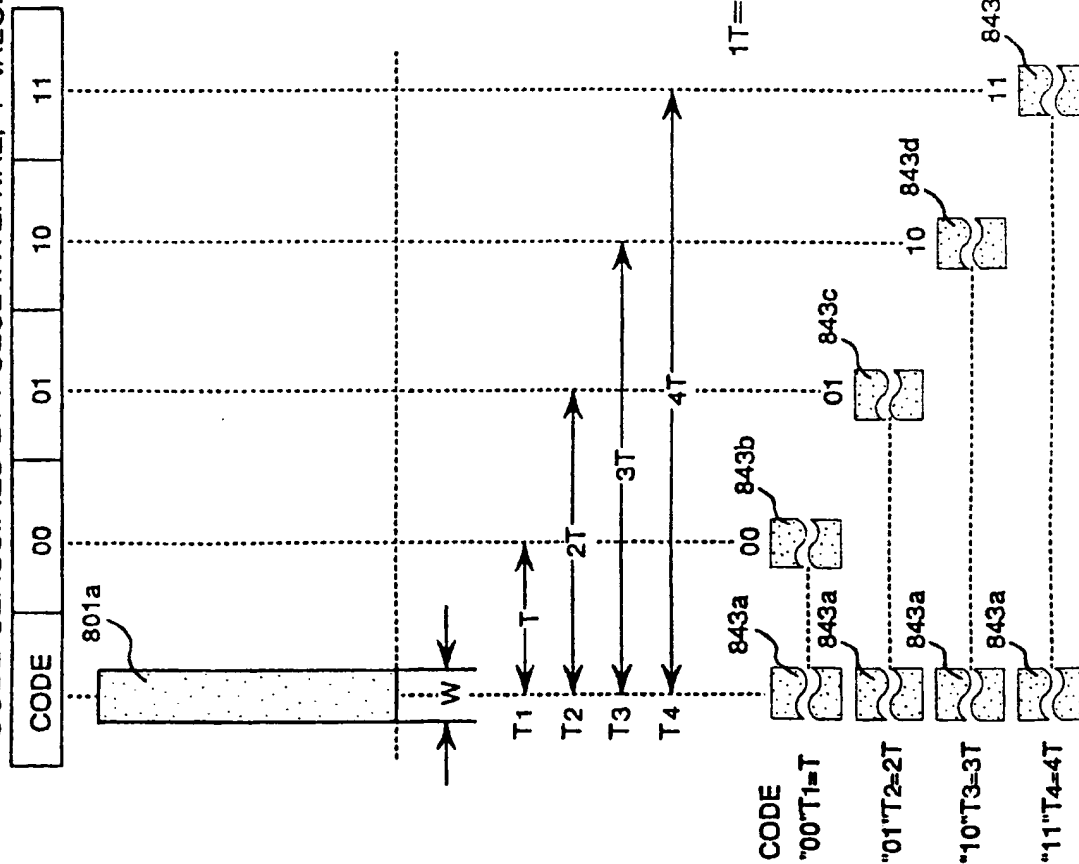
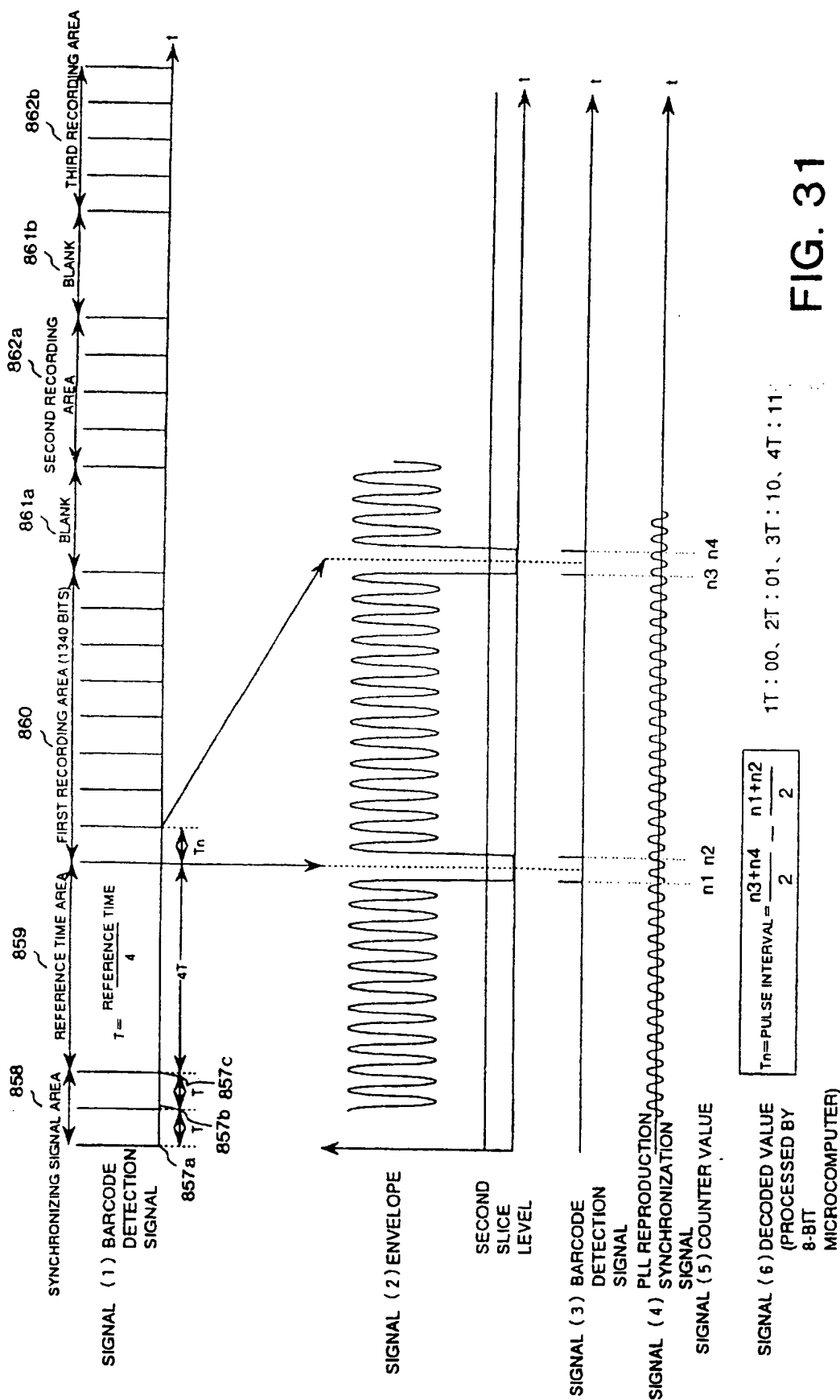


FIG. 30

BARCODE LINE WIDTH VERSUS RECORDING DENSITY				
LINE WIDTH	PERIOD	RECORDING DENSITY	MAXIMUM RECORDING CAPACITY	LENGTH OF 1 KBITS
W (μm)	T (μm)	$\mu\text{m/bit}$	ONE RING	mm
1 μm	2 μm	2.55 μm	56Kbit	2.5mm
3 μm	6 μm	7.5 μm	28.2Kbit	5mm
5 μm	10 μm	12.5 μm	11.2Kbit	12.5mm
10 μm	20 μm	25 μm	5.6Kbit	25mm
20 μm	40 μm	50 μm	2.82Kbit	50mm

FIG. 31



10159-10201

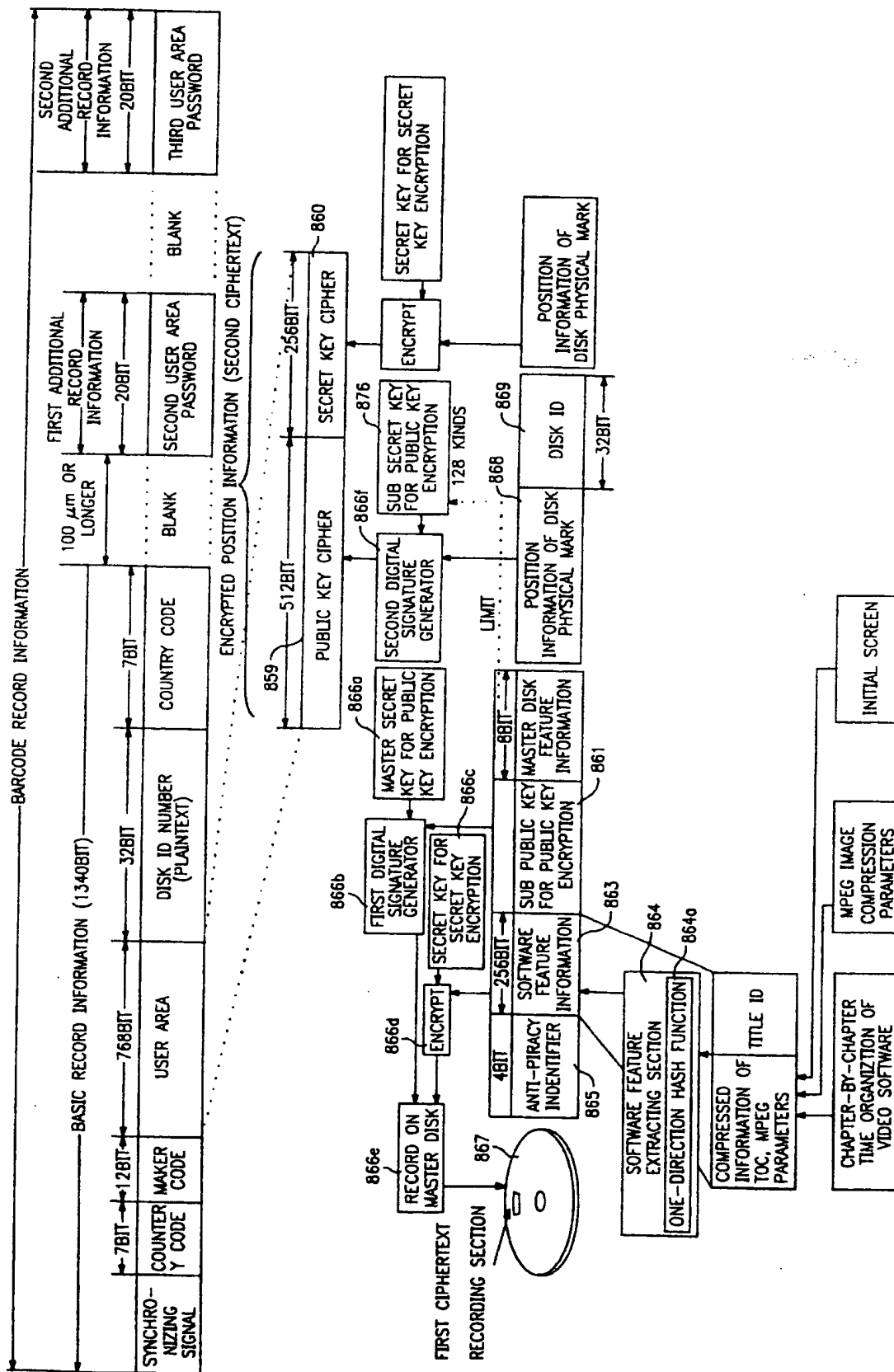


FIG. 32

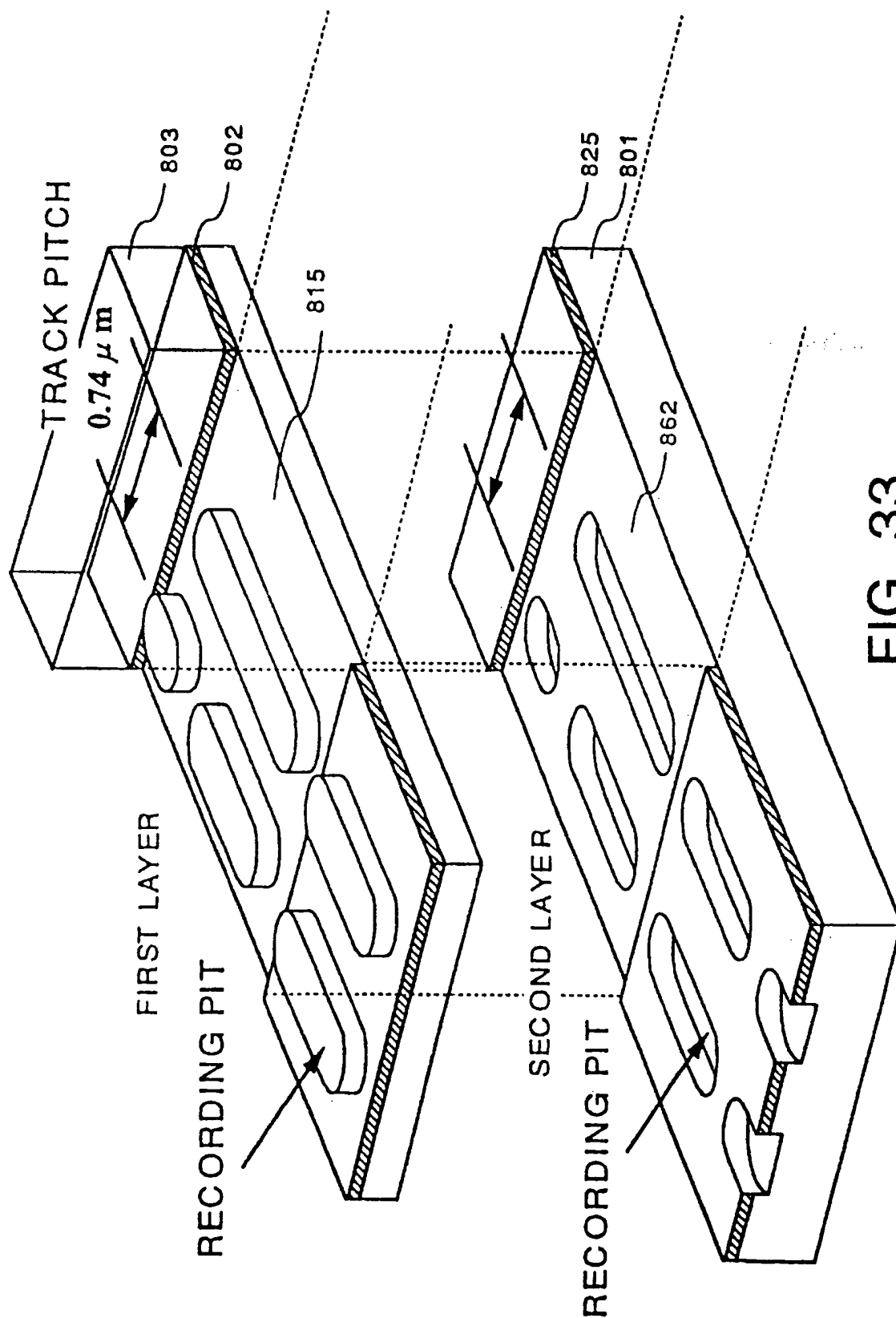


FIG. 33

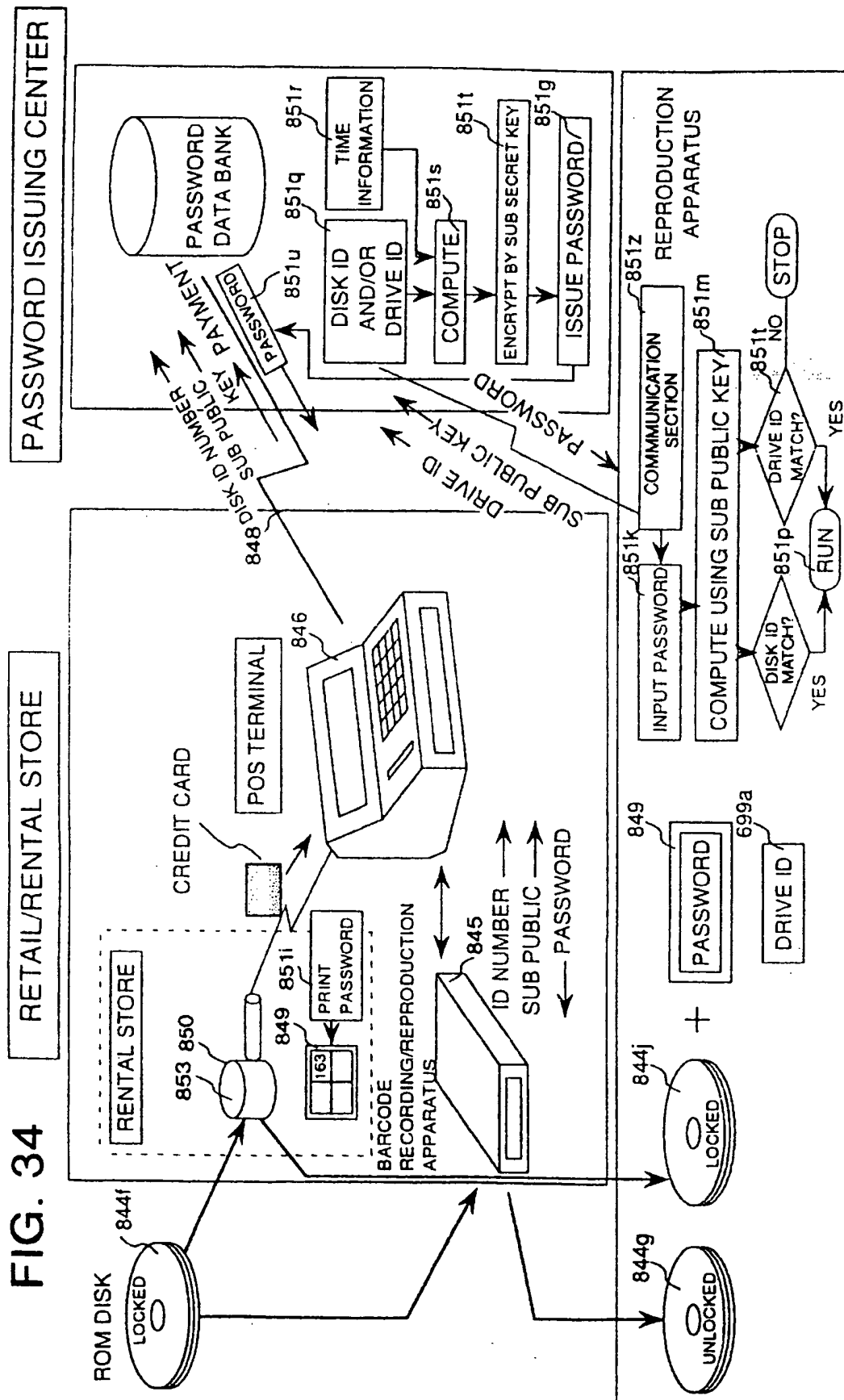


FIG. 35

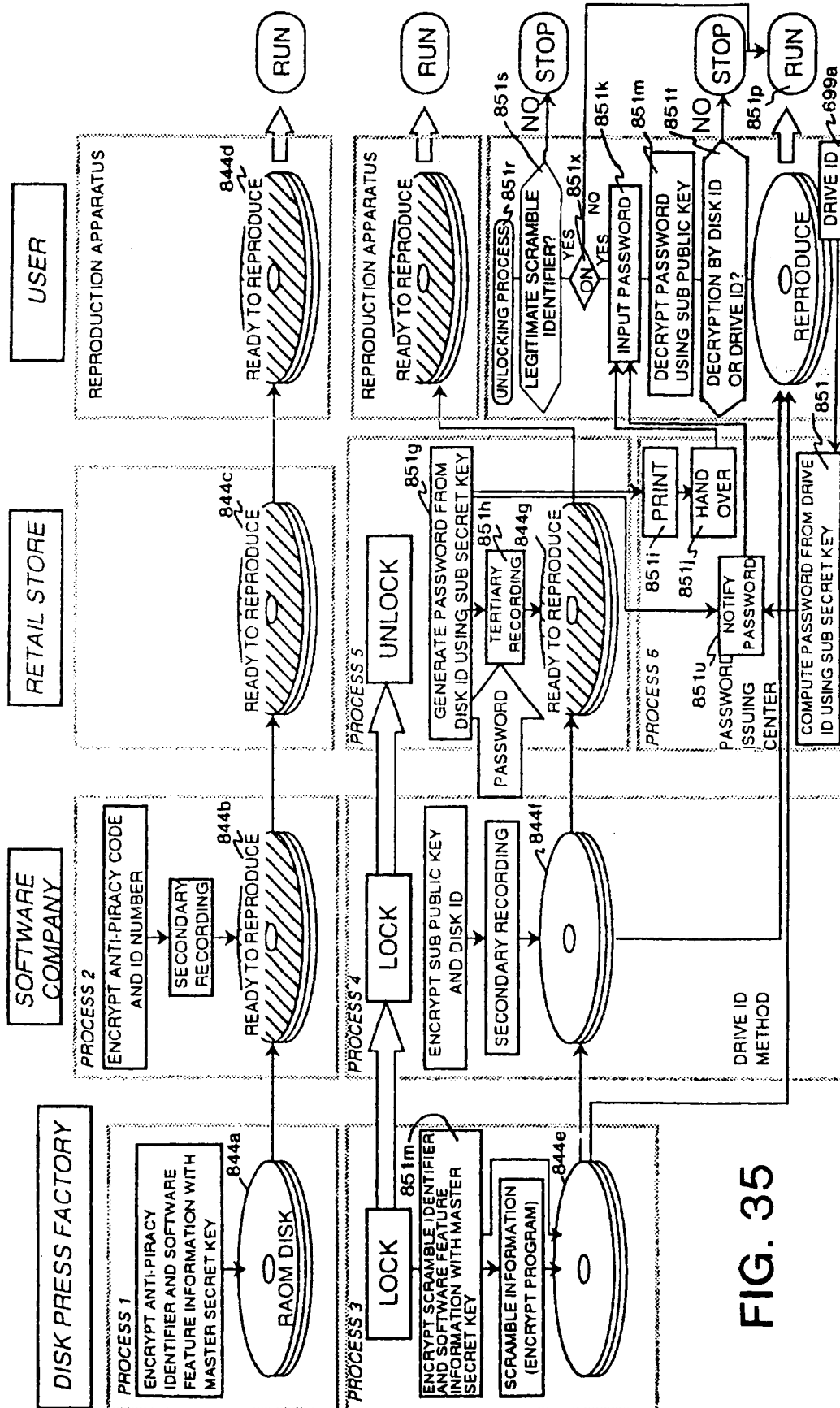


FIG. 35

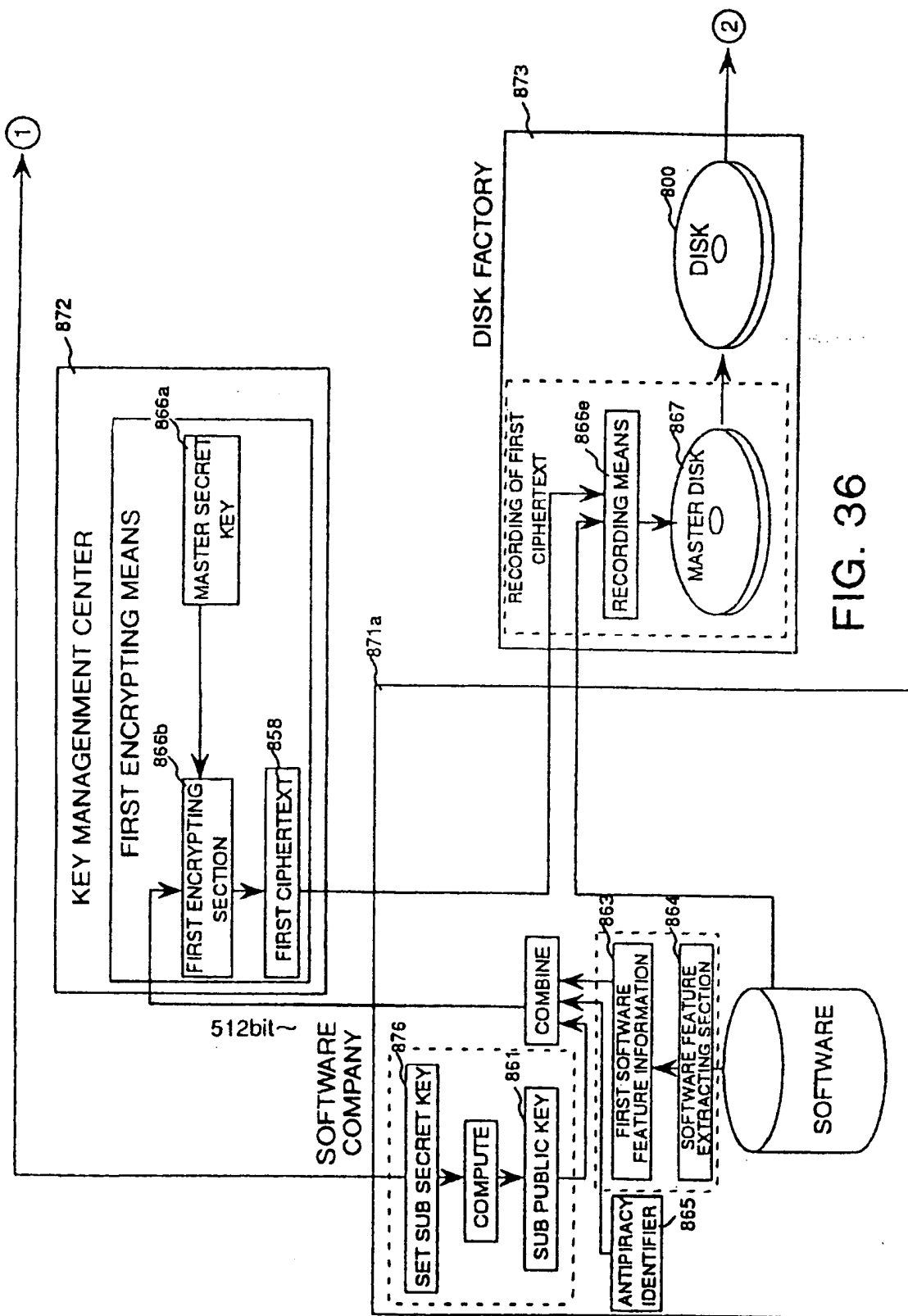


FIG. 36

FIG. 37

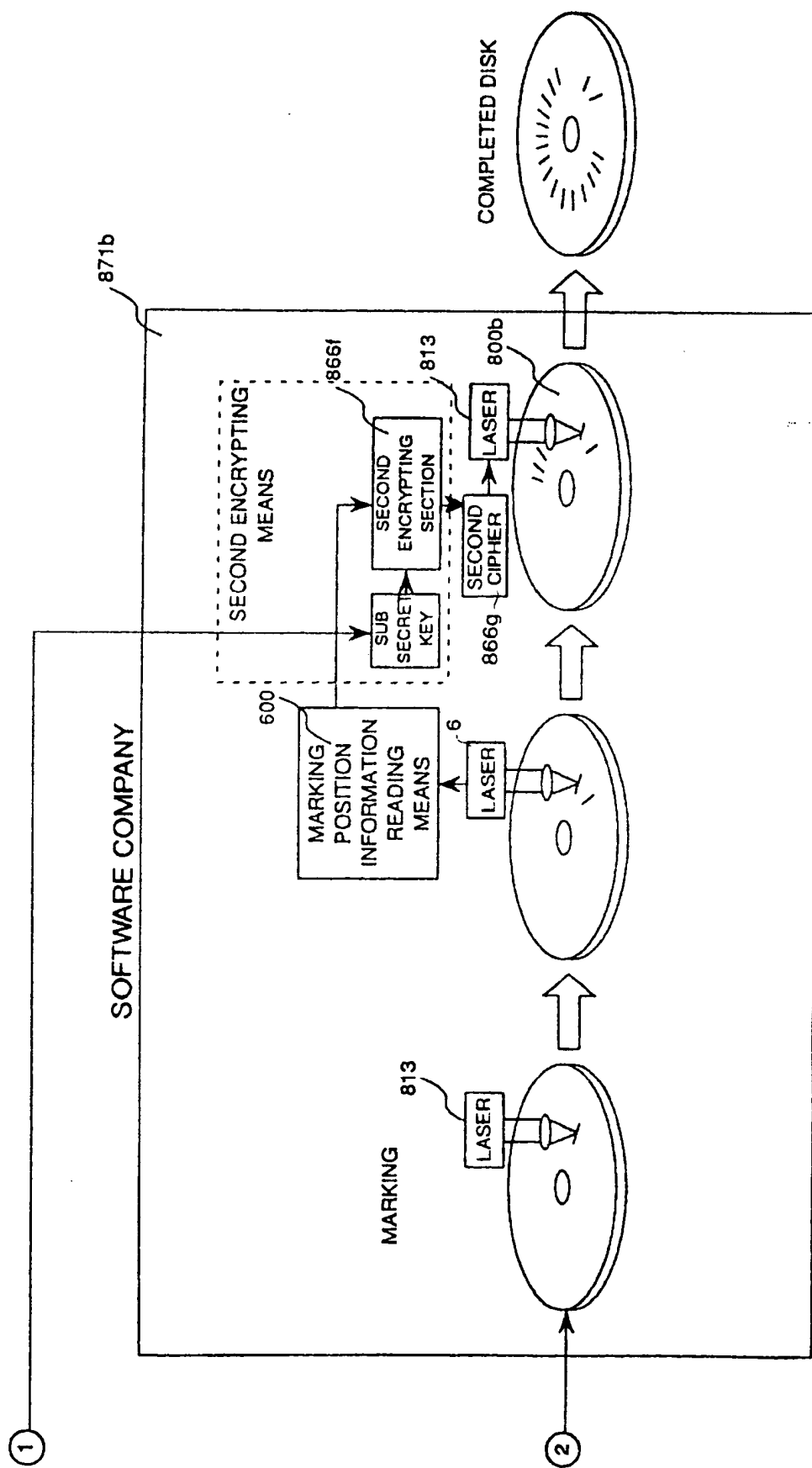


FIG. 37

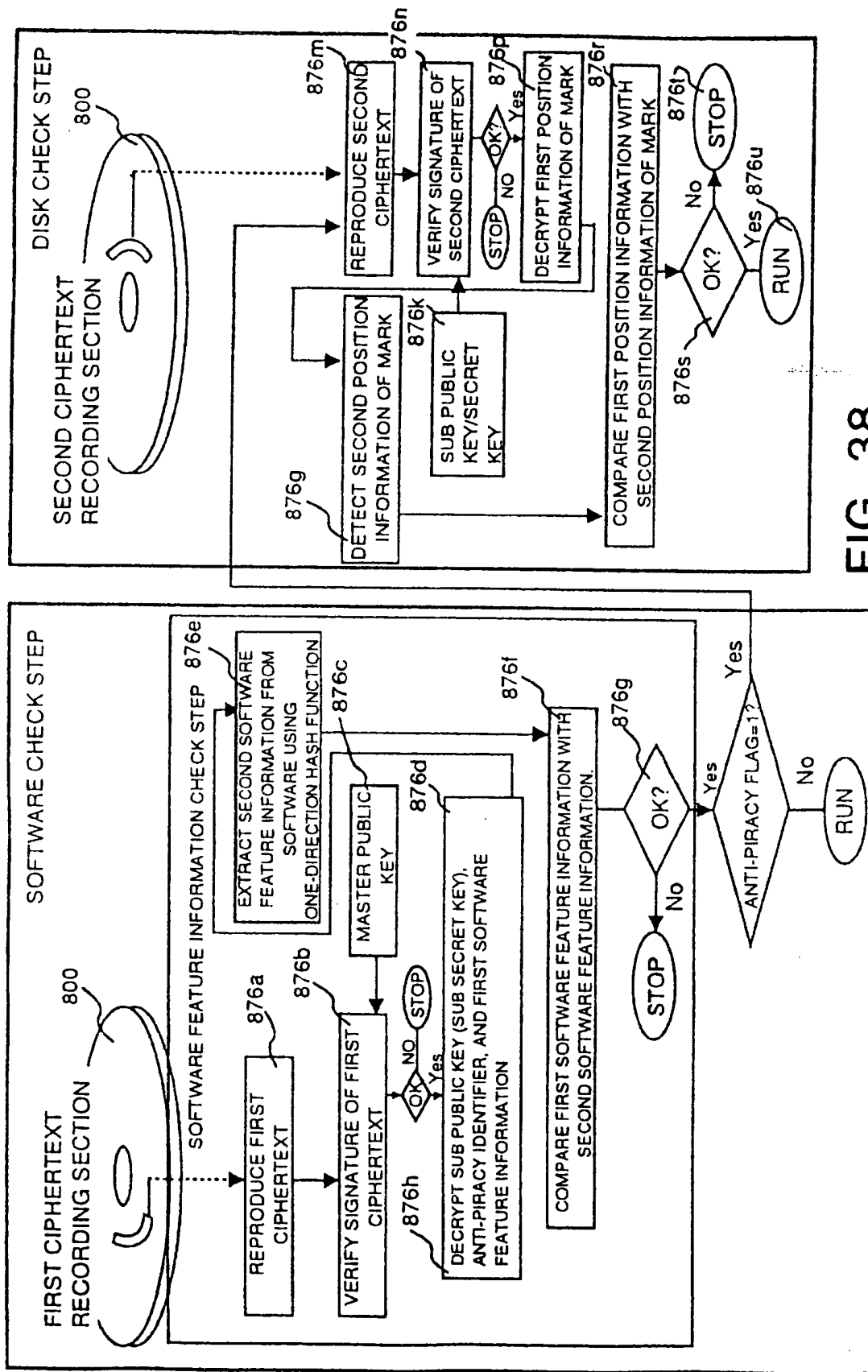
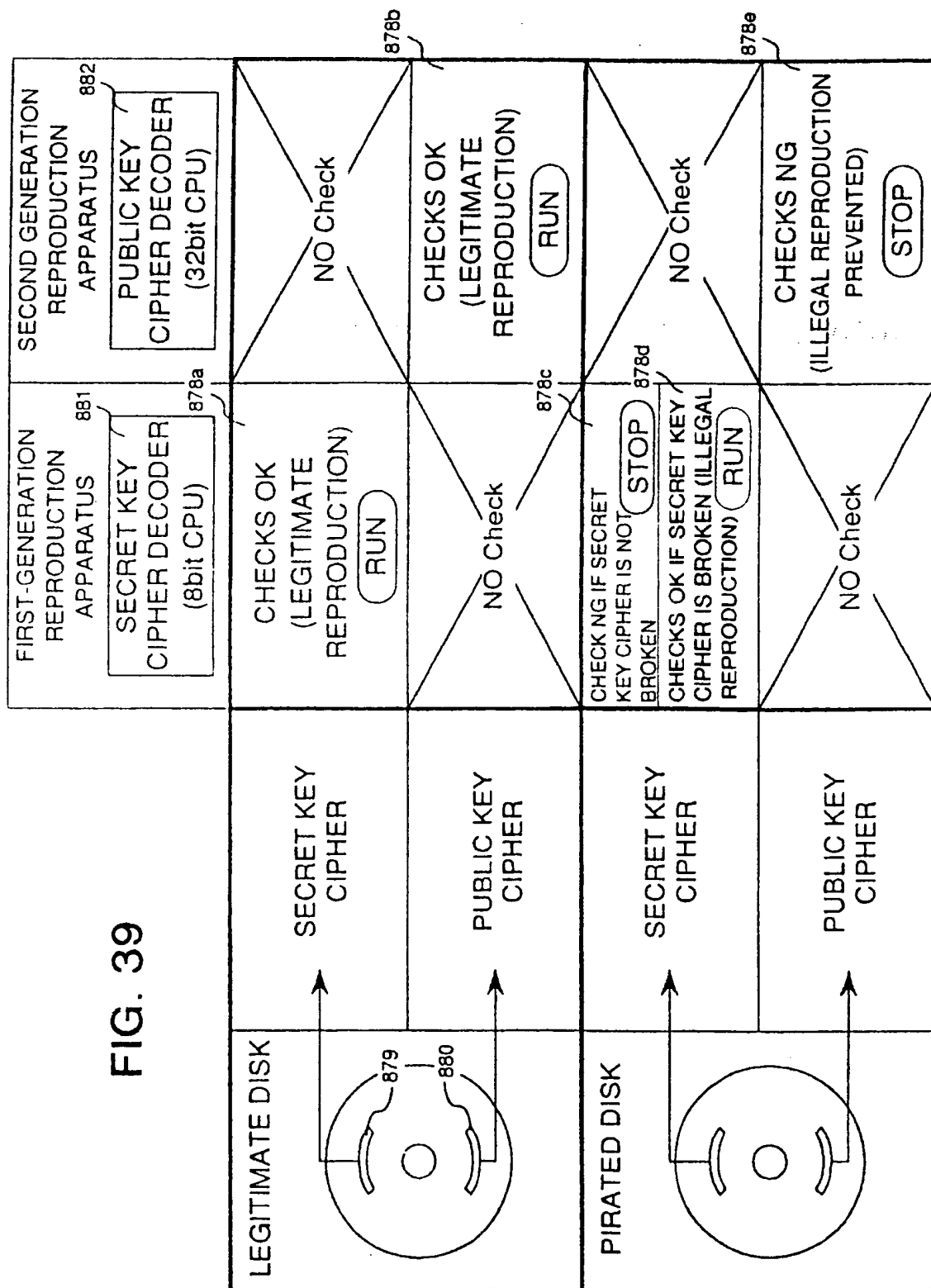


FIG. 38

FIG. 39



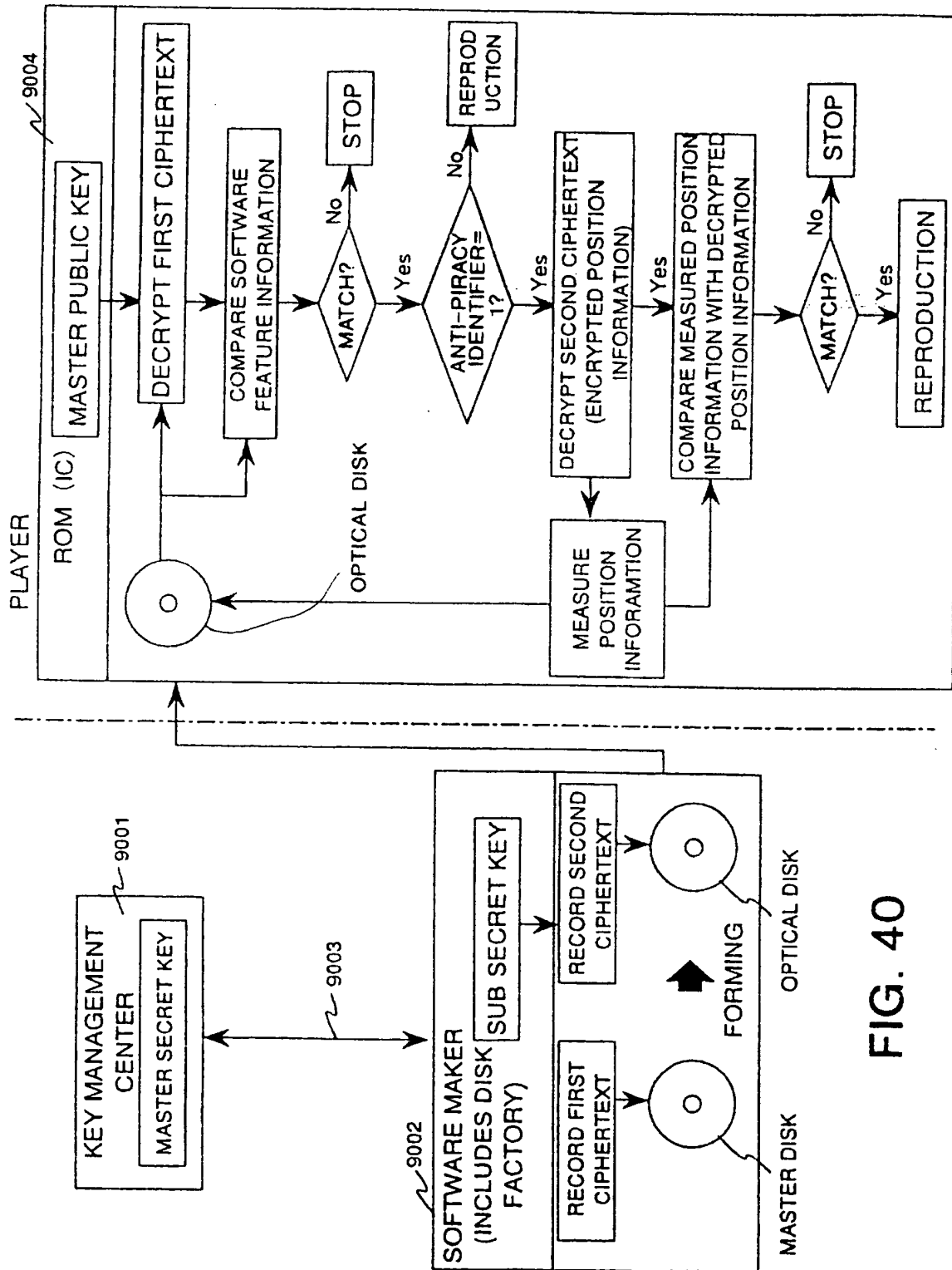


FIG. 40

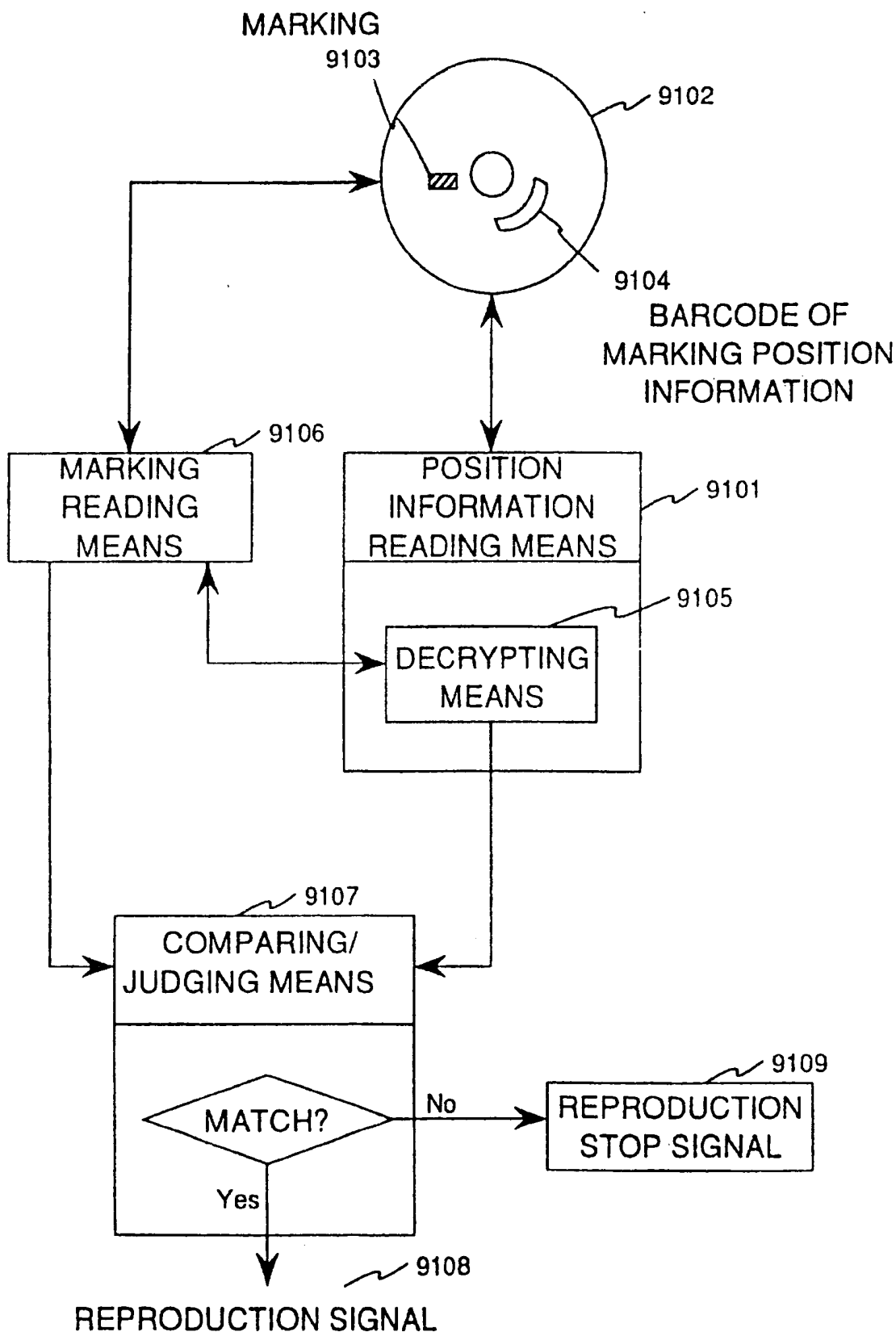


FIG. 41

FIG. 41

